

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014131.D
 Acq On : 19 Dec 2019 19:20
 Operator : JC/SP
 Sample : K6347-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 01:01:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	565628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	789629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362196	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	312949	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	5.49	113	255308	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	1042957	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	357083	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	4574	0.674	ug/l #	60
8) Diethyl Ether	2.18	74	906	0.218	ug/l	86
10) Methyl Iodide	2.51	142	519	2.691	ug/l #	61
11) Tert butyl alcohol	3.03	59	1743	1.258	ug/l #	72
13) Acrolein	2.30	56	435	0.549	ug/l #	14
14) Allyl chloride	2.81	41	31680	3.261	ug/l #	27
15) Acrylonitrile	3.17	53	2100	0.650	ug/l #	45
16) Acetone	2.43	43	11847	2.847	ug/l #	80
17) Carbon Disulfide	2.58	76	1541	0.851	ug/l #	66
18) Methyl Acetate	2.76	43	5909	0.717	ug/l #	60
20) Methylene Chloride	2.85	84	6153	0.939	ug/l #	94
25) 2-Butanone	4.67	43	6784	1.322	ug/l #	85
26) 2,2-Dichloropropane	4.40	77	1736	0.208	ug/l	97
28) Bromochloromethane	5.01	49	869	0.662	ug/l #	11
31) Cyclohexane	5.58	56	144925	15.129	ug/l	97
36) 1,1-Dichloropropene	5.65	75	37959	4.807	ug/l #	51
38) Carbon Tetrachloride	5.65	117	48779	6.781	ug/l #	17
39) Methylcyclohexane	7.46	83	51936	5.326	ug/l	94
40) Benzene	6.14	78	3294852	135.604	ug/l	100
42) 1,2-Dichloroethane	6.14	62	29955	3.637	ug/l	73
43) Isopropyl Acetate	6.33	43	34449	2.387	ug/l #	62
49) 1,4-Dioxane	7.74	88	312	2.170	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	9333	1.030	ug/l	95
52) Toluene	8.78	92	3581556	233.208	ug/l	98
53) t-1,3-Dichloropropene	8.78	75	38088	4.479	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.47	63	1087	0.297	ug/l	91
59) 2-Hexanone	9.62	43	6917	0.948	ug/l	90
61) 1,2-Dibromoethane	9.67	107	3482	0.553	ug/l	96
67) Ethyl Benzene	10.25	91	1111637	38.512	ug/l	99
68) m/p-Xylenes	10.35	106	1120457	100.925	ug/l	100
69) o-Xylene	10.70	106	461744	42.408	ug/l	99
70) Styrene	10.70	104	23933	1.300	ug/l #	1
73) Isopropylbenzene	11.01	105	26810	1.051	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	173469	22.061	ug/l #	39

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

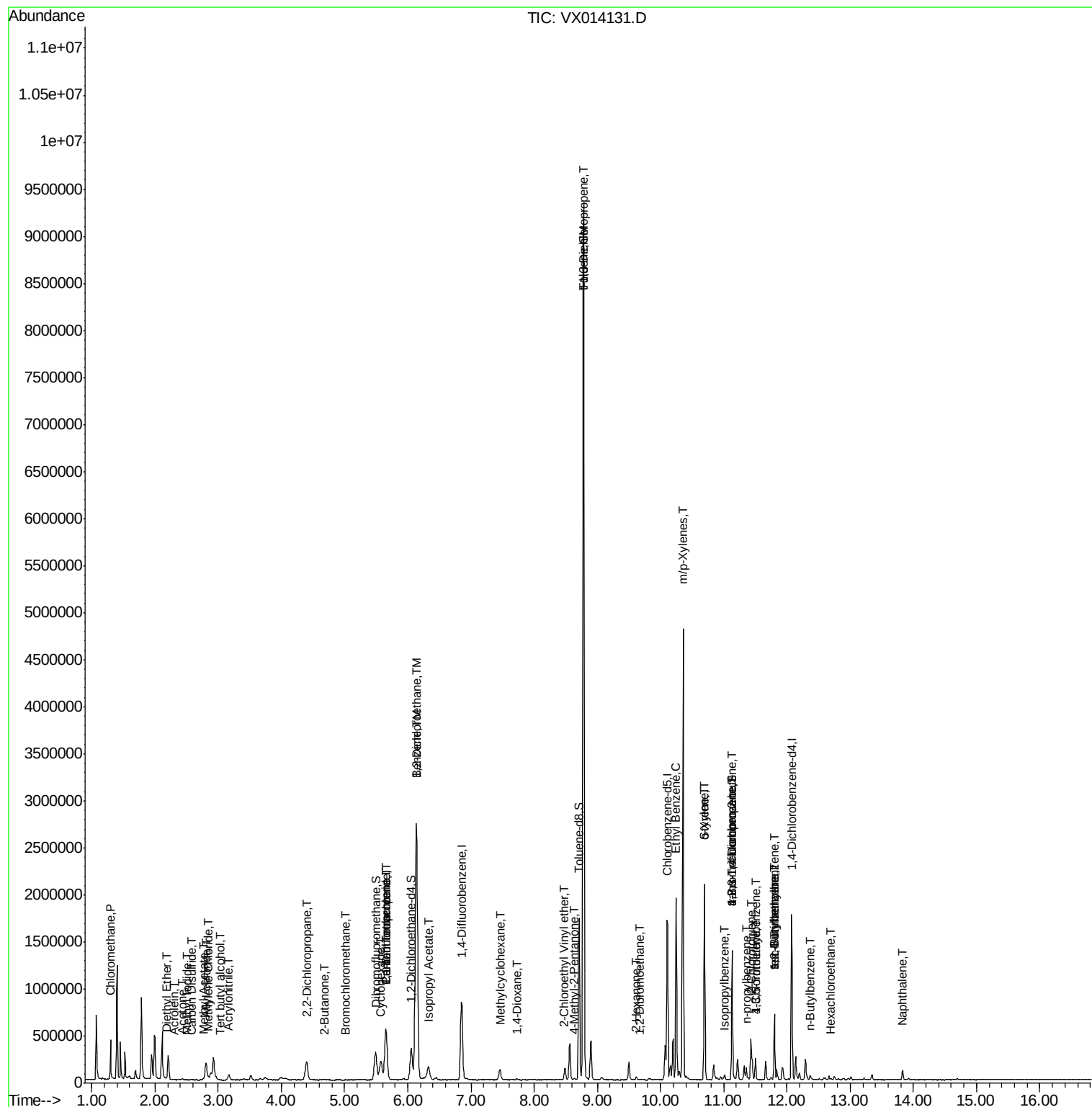
78) n-propylbenzene	11.35	91	68296	2.388	ug/l	98
79) 2-Chlorotoluene	11.43	91	35585	2.047	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	90228	4.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	173469	62.267	ug/l #	12
82) 4-Chlorotoluene	11.50	91	9938	0.493	ug/l #	53
83) tert-Butylbenzene	11.81	119	37893	1.814	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	311627	14.499	ug/l	100
85) sec-Butylbenzene	11.80	105	311627	12.639	ug/l #	56
89) n-Butylbenzene	12.37	91	6149	0.320	ug/l #	29
90) Hexachloroethane	12.70	117	3913	0.966	ug/l #	10
95) Naphthalene	13.83	128	66447	2.811	ug/l	98

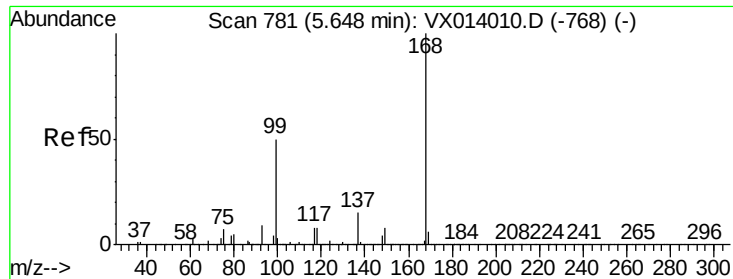
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

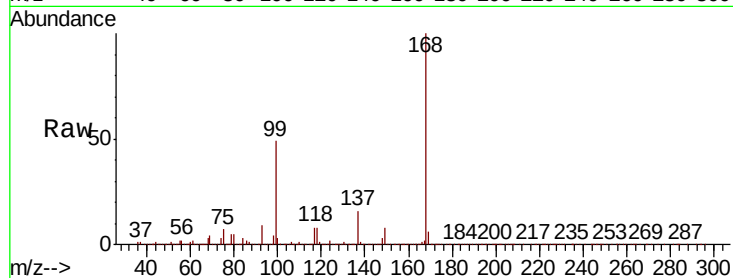
ClientSampleId :

Tot Ion:168 Resp: 565628

Ion Ratio Lower Upper

168 100

99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

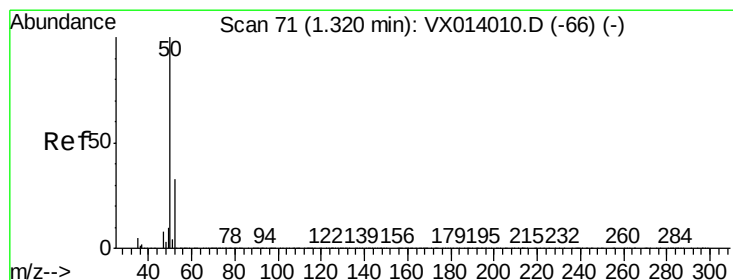
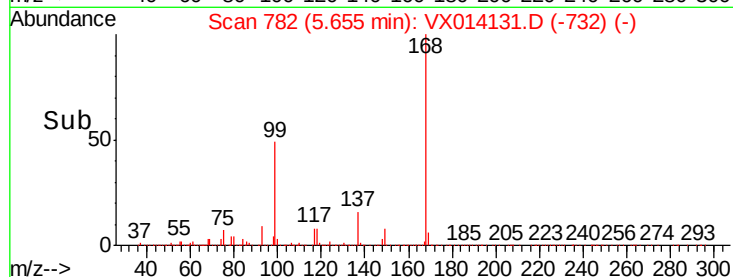
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.674 ug/l

RT: 1.30 min Scan# 67

Delta R.T. -0.02 min

Lab File: VX014131.D

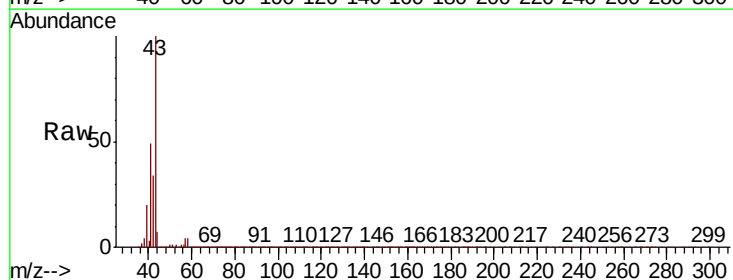
Acq: 19 Dec 2019 19:20

Tgt Ion: 50 Resp: 4574

Ion Ratio Lower Upper

50 100

52 10.1 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.30

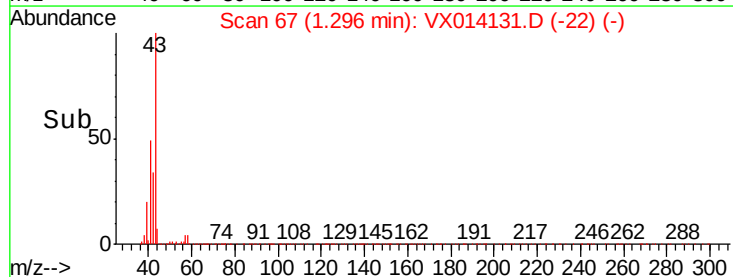
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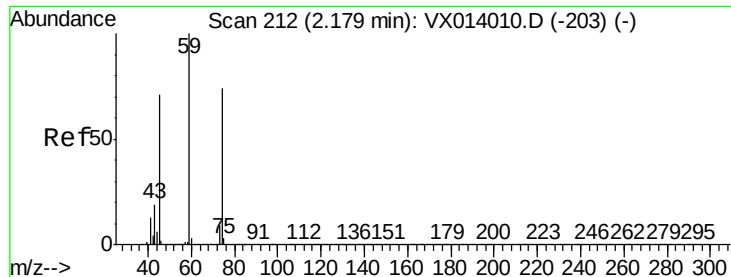
5000

0

Time-->

1.20 1.25 1.30 1.35





#8

Diethyl Ether

Concen: 0.218 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

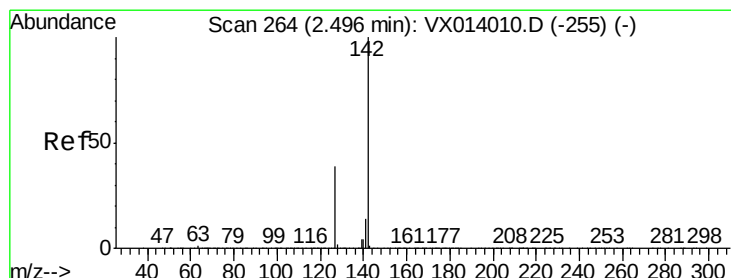
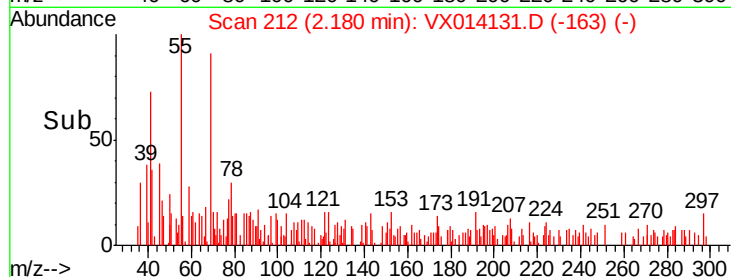
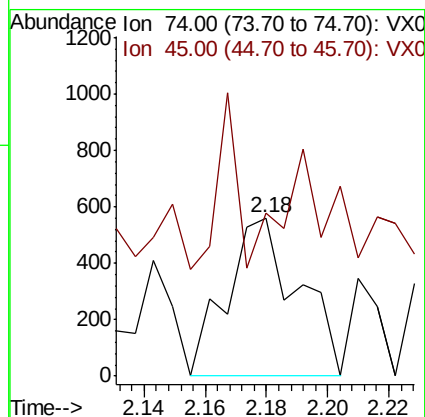
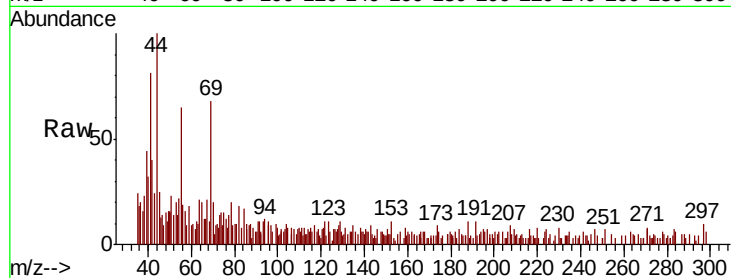
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 74 Resp: 906

Ion Ratio Lower Upper

74 100

45 82.7 48.1 144.3



#10

Methyl Iodide

Concen: 2.691 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

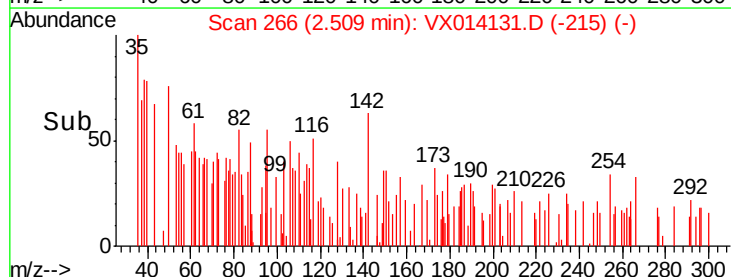
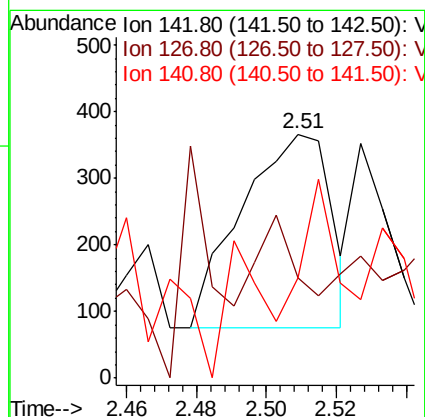
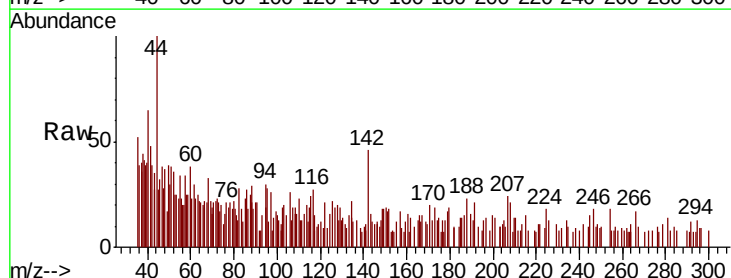
Tgt Ion: 142 Resp: 519

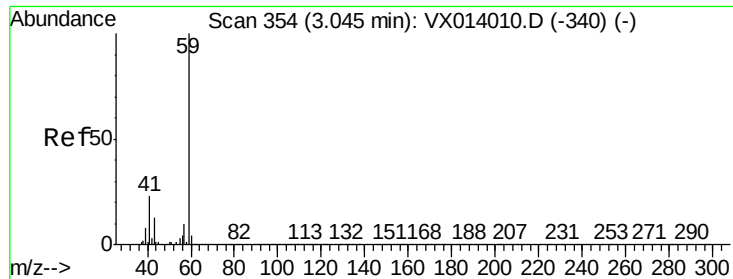
Ion Ratio Lower Upper

142 100

127 26.6 31.6 47.4#

141 50.1 11.6 17.4#

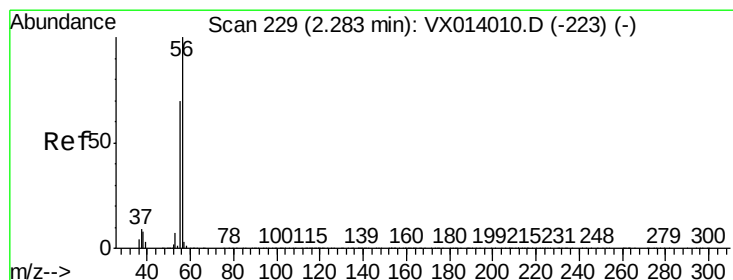
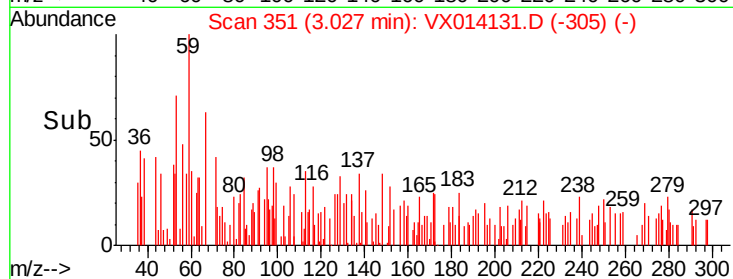
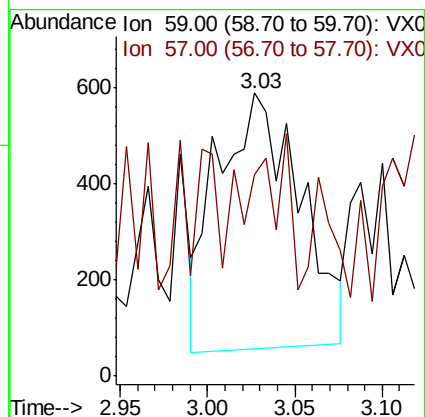
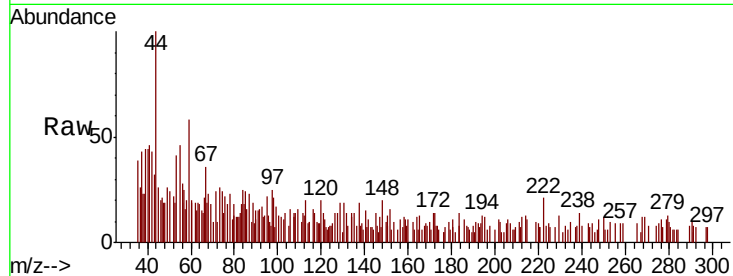




#11
Tert butyl alcohol
Concen: 1.258 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

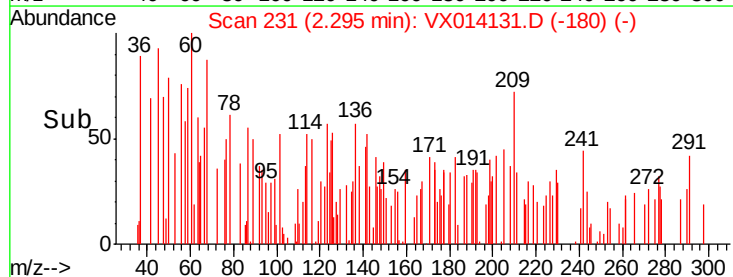
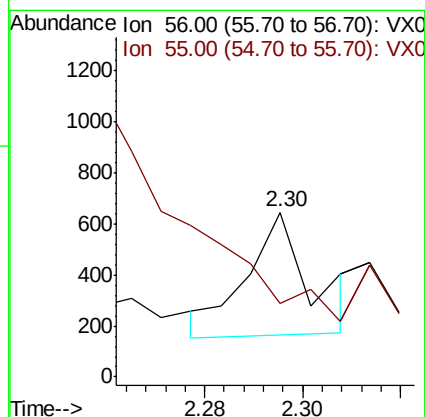
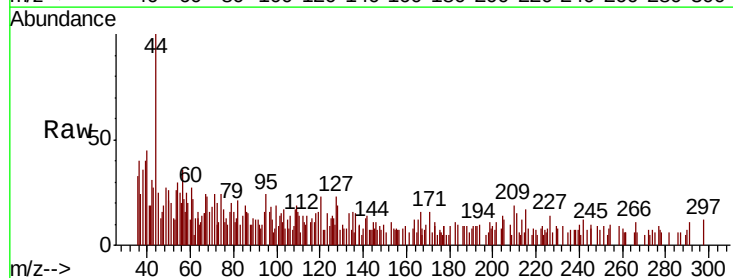
Instrument :
MSVOA_X
ClientSampleId :

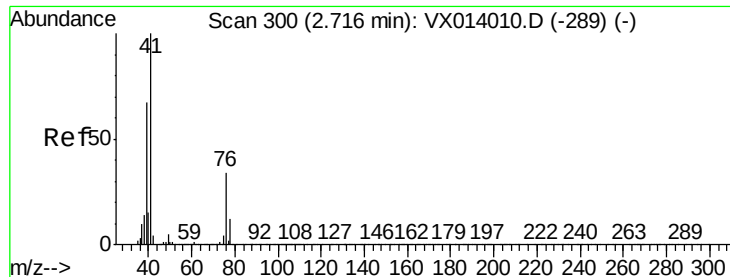
Tot Ion: 59 Resp: 1743
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 0.549 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 56 Resp: 435
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 3.261 ug/l

RT: 2.81 min Scan# 315

Delta R.T. 0.09 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

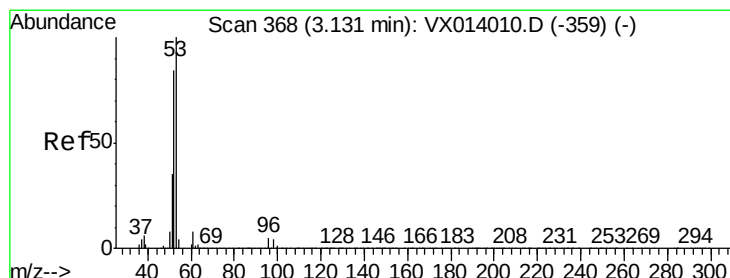
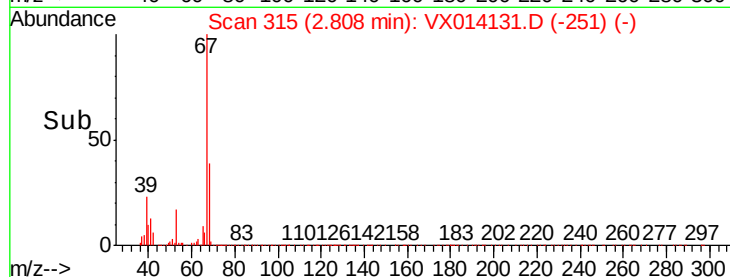
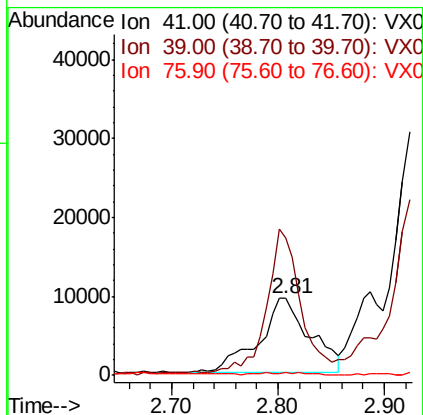
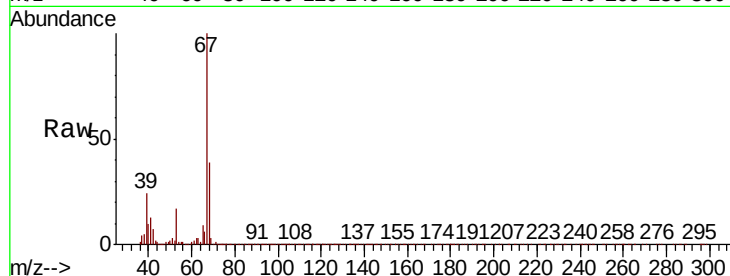
Tot Ion: 41 Resp: 31680

Ion Ratio Lower Upper

41 100

39 128.7 51.8 77.8#

76 0.2 25.9 38.9#



#15

Acrylonitrile

Concen: 0.650 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.04 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

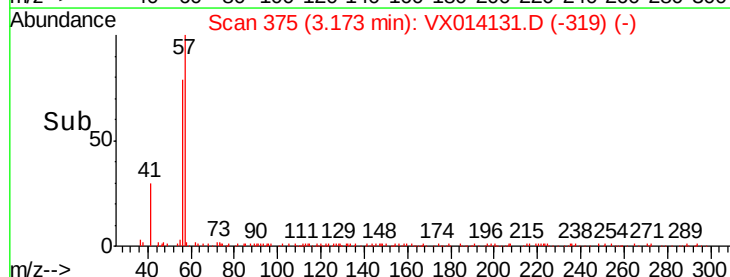
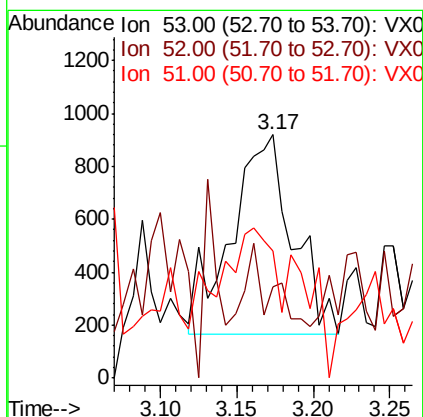
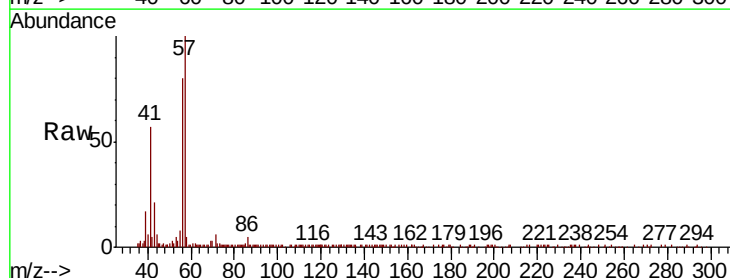
Tgt Ion: 53 Resp: 2100

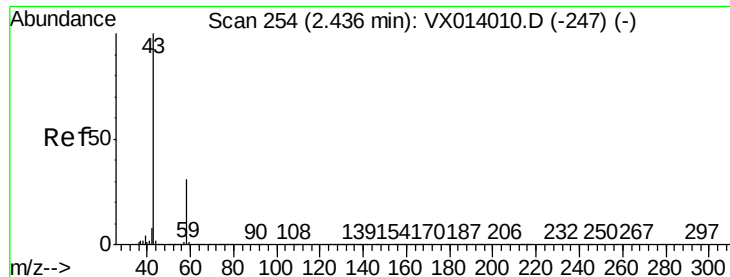
Ion Ratio Lower Upper

53 100

52 17.7 66.5 99.7#

51 42.0 28.1 42.1





#16

Acetone

Concen: 2.847 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

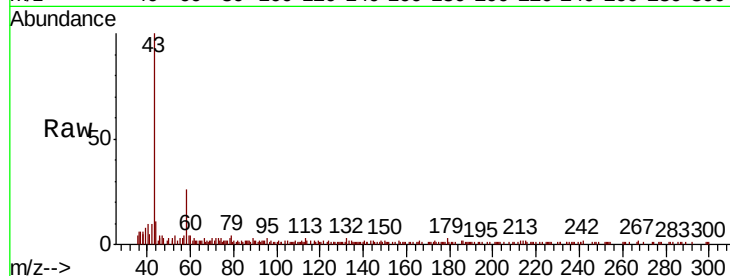
ClientSampleId :

Tot Ion: 43 Resp: 11847

Ion Ratio Lower Upper

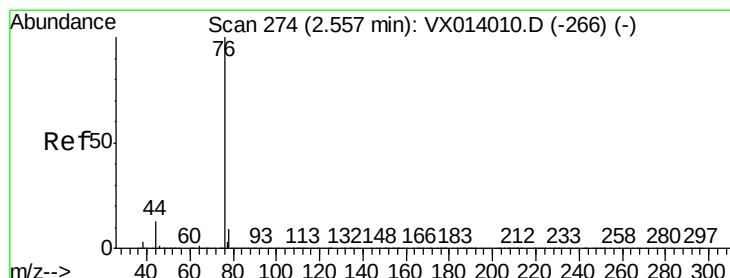
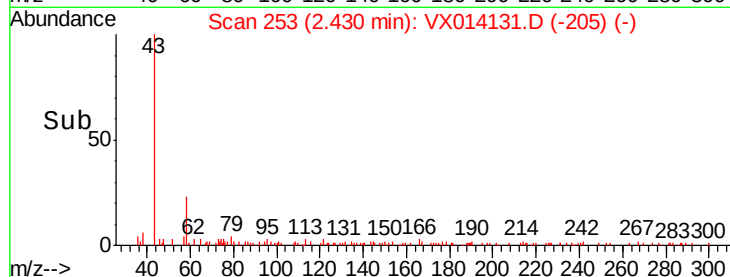
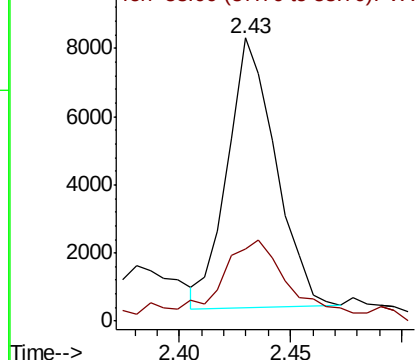
43 100

58 20.3 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.851 ug/l

RT: 2.58 min Scan# 277

Delta R.T. 0.02 min

Lab File: VX014131.D

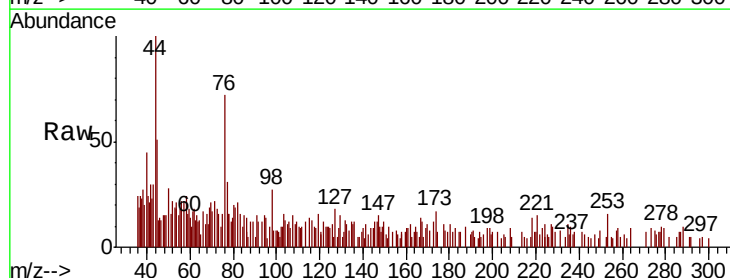
Acq: 19 Dec 2019 19:20

Tgt Ion: 76 Resp: 1541

Ion Ratio Lower Upper

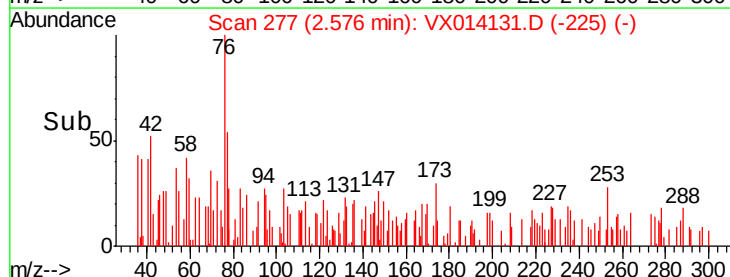
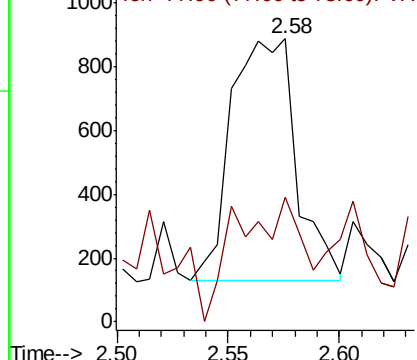
76 100

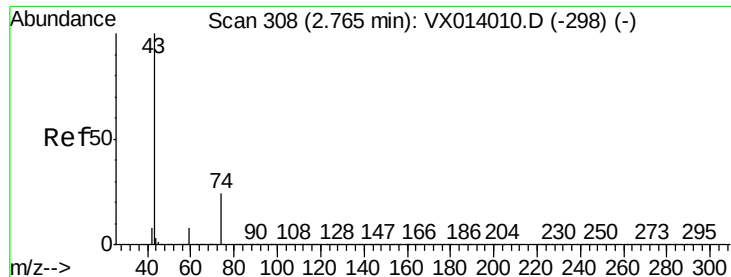
78 21.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

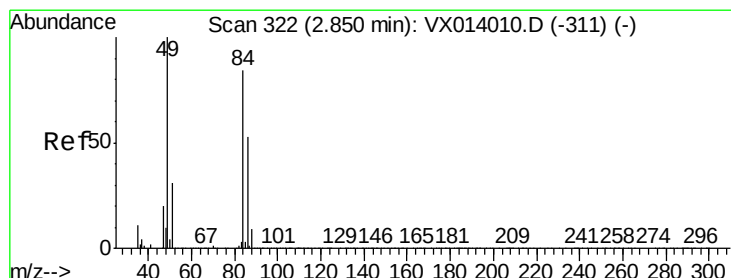
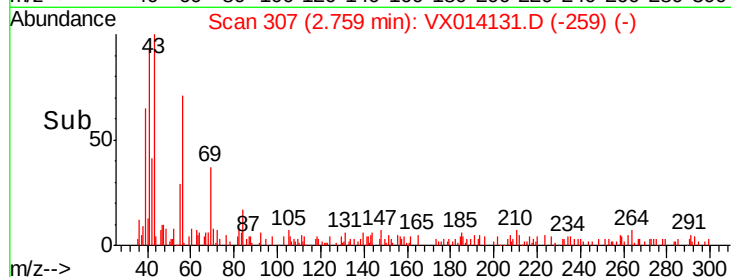
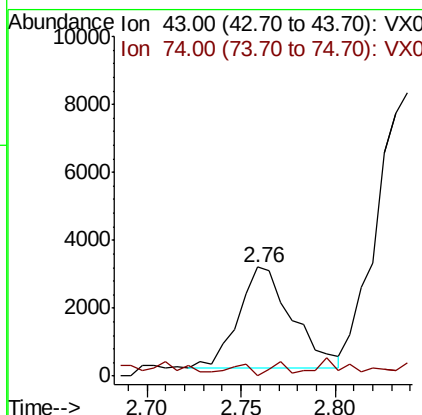
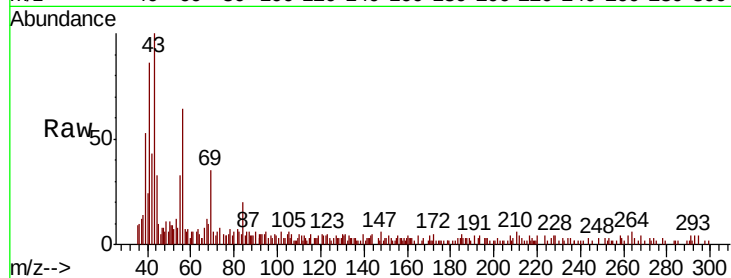




#18
Methyl Acetate
Concen: 0.717 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

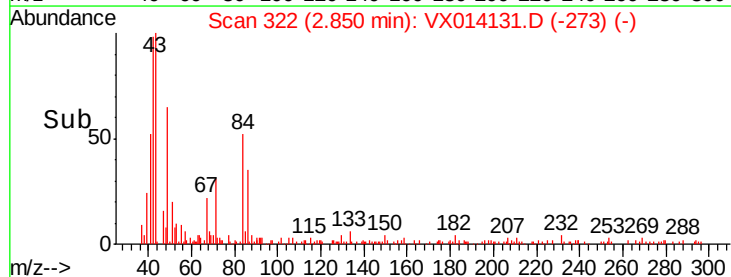
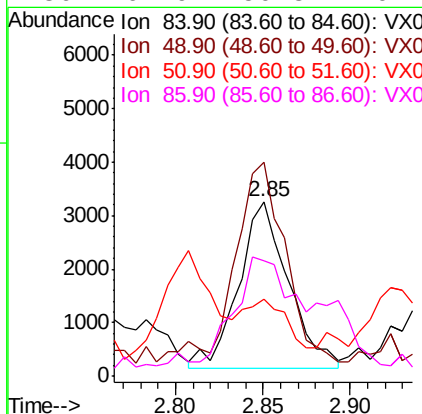
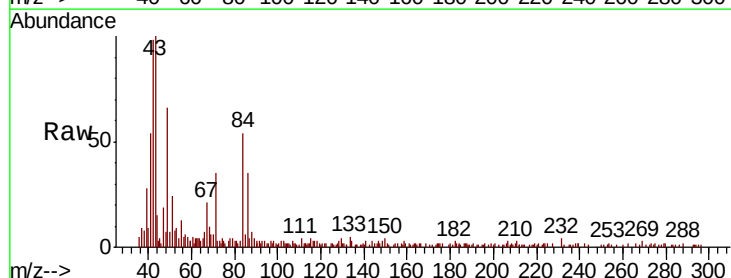
Instrument :
MSVOA_X
ClientSampled :

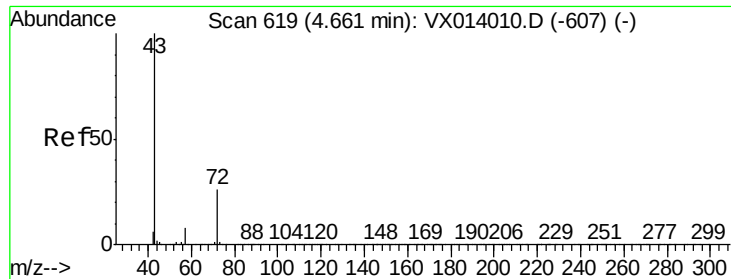
Tot Ion: 43 Resp: 5909
Ion Ratio Lower Upper
43 100
74 4.7 19.5 29.3#



#20
Methylene Chloride
Concen: 0.939 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 84 Resp: 6153
Ion Ratio Lower Upper
84 100
49 115.5 95.8 143.6
51 24.4 29.8 44.8#
86 62.9 50.8 76.2

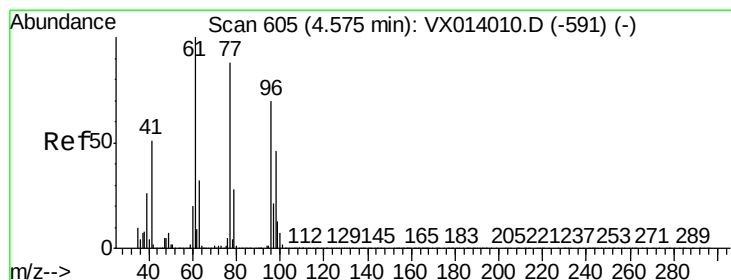
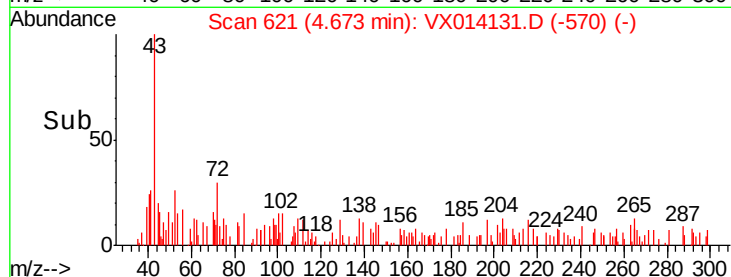
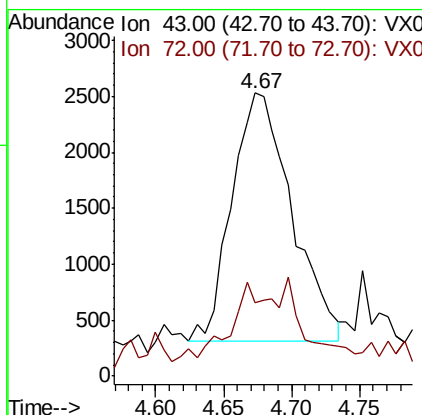
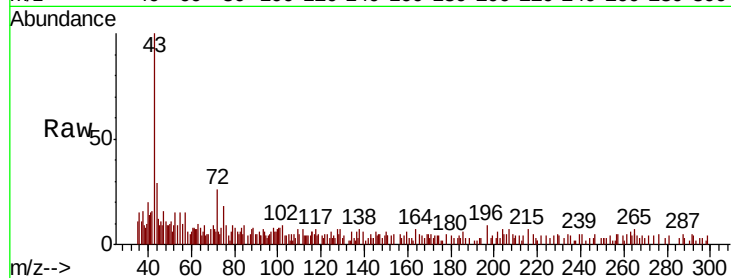




#25
2-Butanone
Concen: 1.322 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

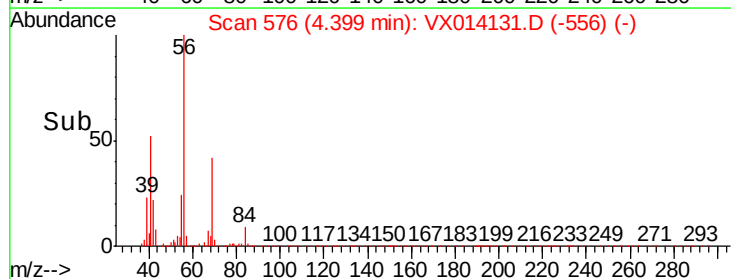
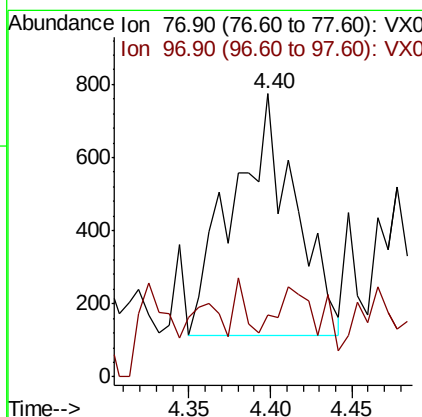
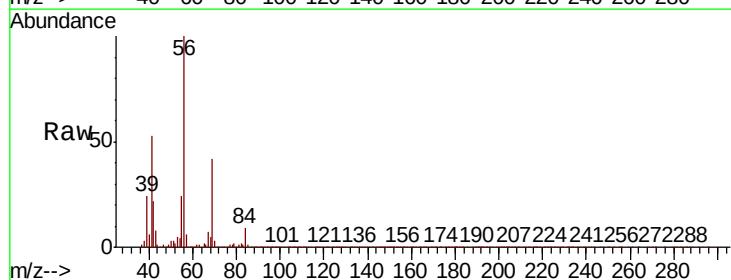
Instrument :
MSVOA_X
ClientSampleId :

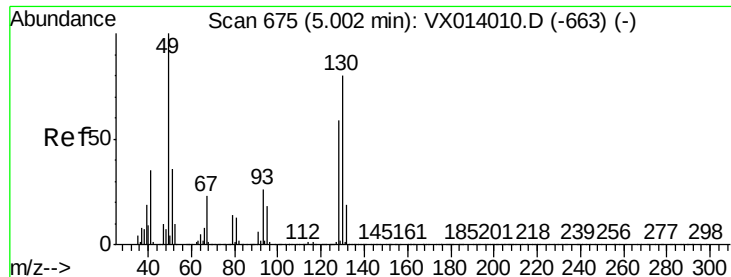
Tot Ion: 43 Resp: 6784
Ion Ratio Lower Upper
43 100
72 18.5 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 0.208 ug/l
RT: 4.40 min Scan# 576
Delta R.T. -0.18 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 77 Resp: 1736
Ion Ratio Lower Upper
77 100
97 25.2 11.9 35.9





#28

Bromochloromethane

Concen: 0.662 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :

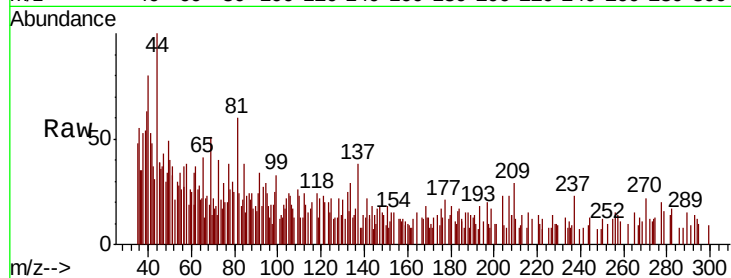
Tot Ion: 49 Resp: 869

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

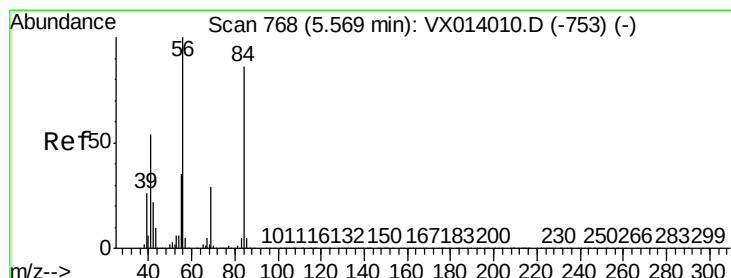
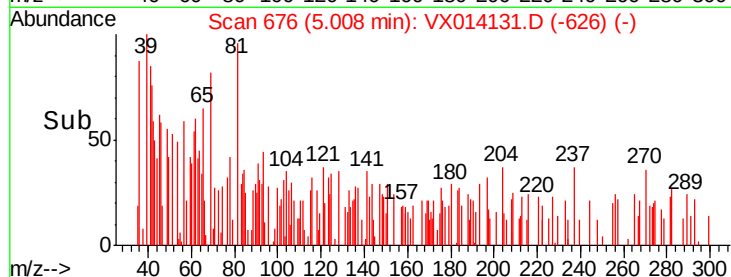
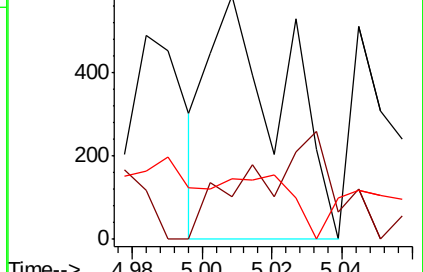
130 0.0 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 15.129 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

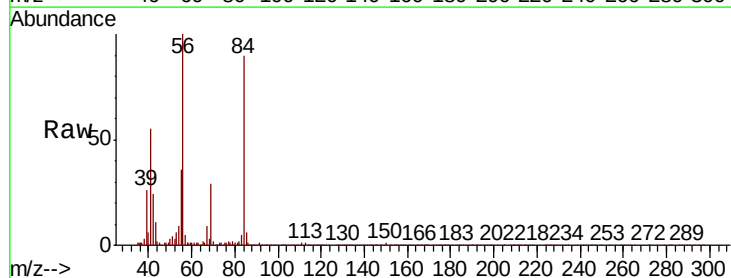
Tgt Ion: 56 Resp: 144925

Ion Ratio Lower Upper

56 100

69 28.2 23.2 34.8

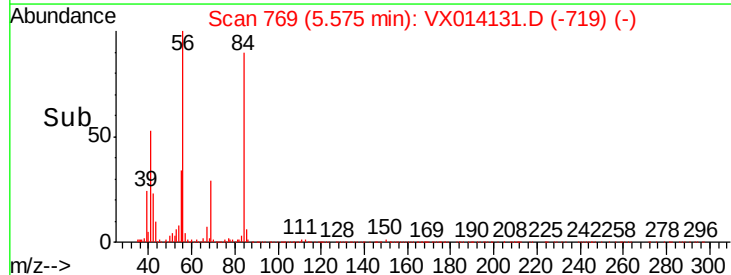
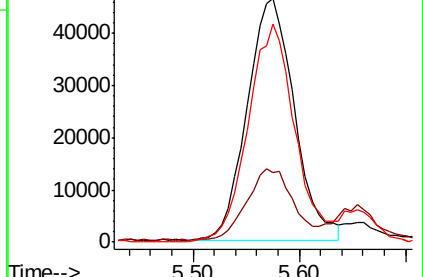
84 89.8 69.2 103.8

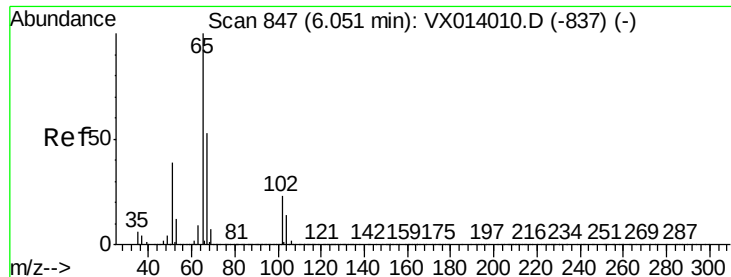


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

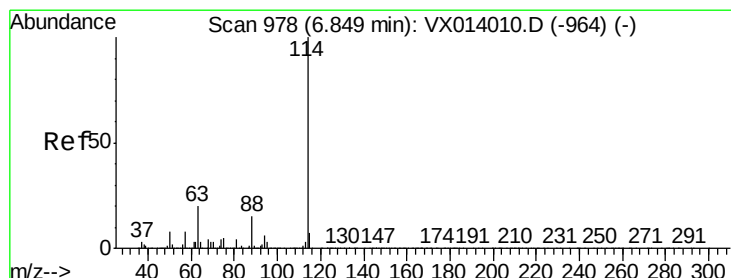
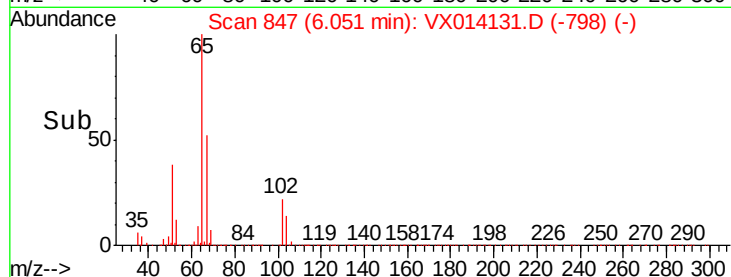
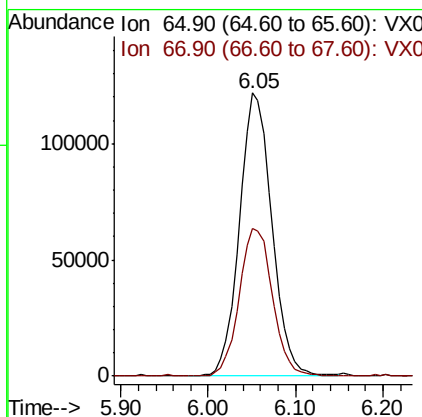
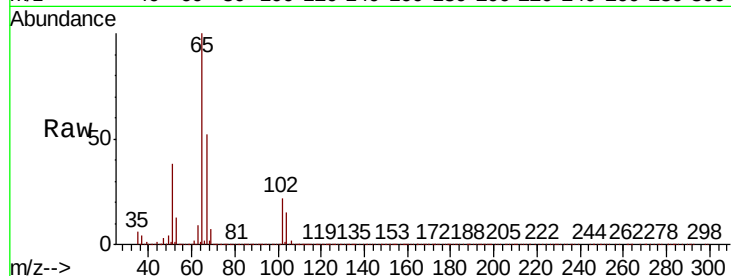




#33
 1,2-Dichloroethane-d4
 Concen: 48.817 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

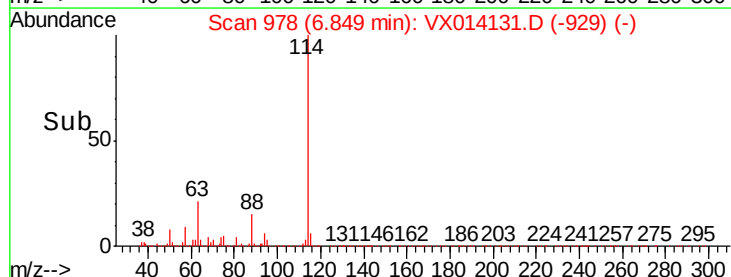
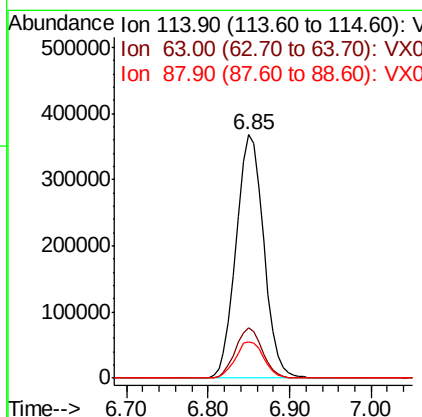
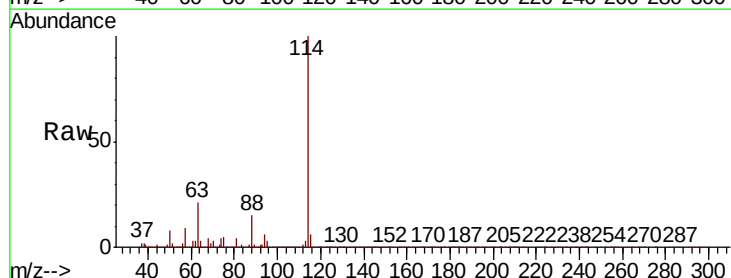
Instrument :
 MSVOA_X
 ClientSampled :

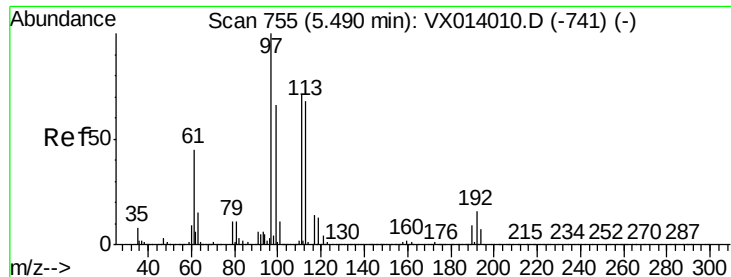
Tot Ion: 65 Resp: 312949
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

Tgt Ion: 114 Resp: 860636
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 15.1 0.0 30.4

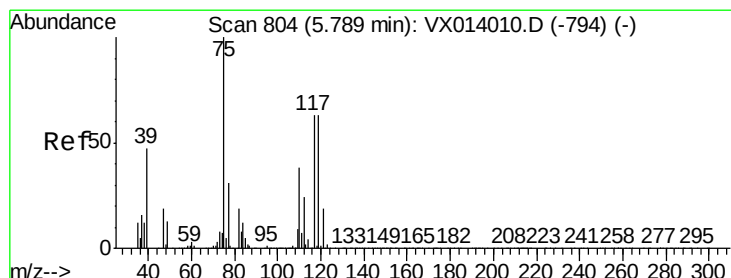
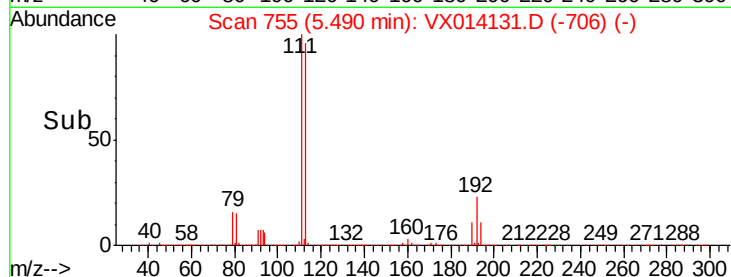
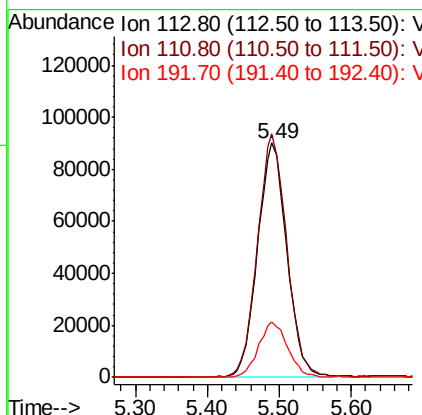
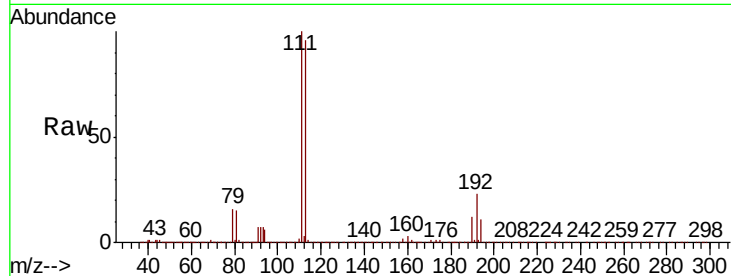




#35
 Dibromofluoromethane
 Concen: 48.800 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

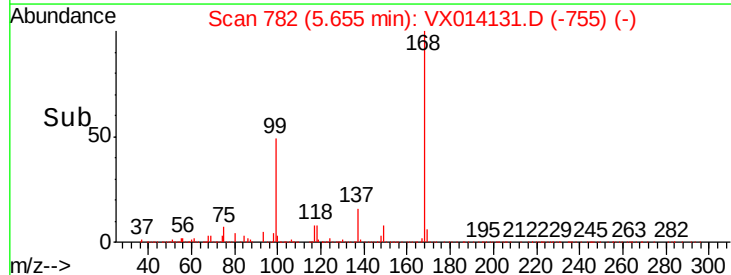
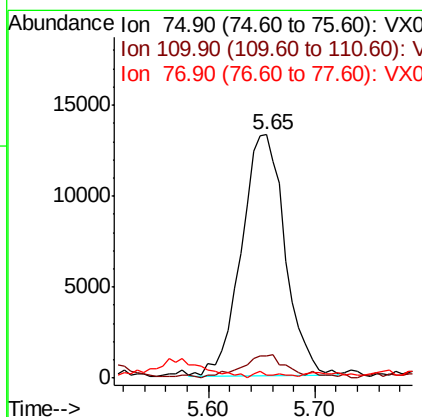
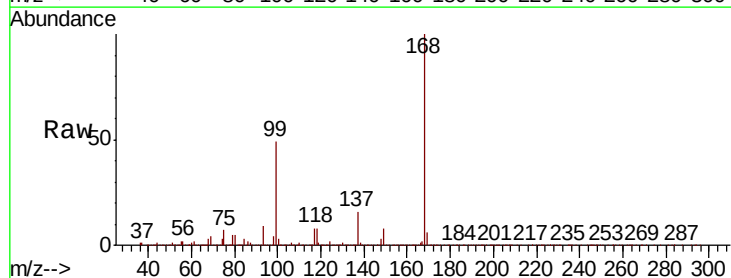
Instrument :
 MSVOA_X
 ClientSampleId :

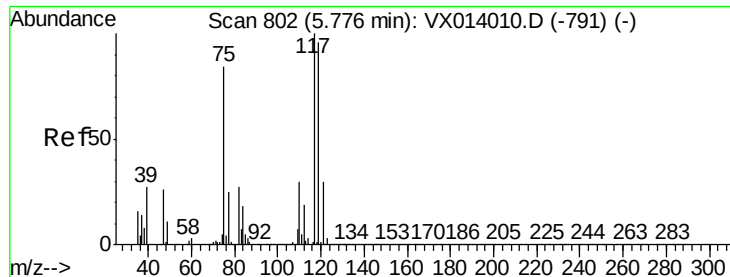
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.8	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.807 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.3	54.9#
77	0.9	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.781 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

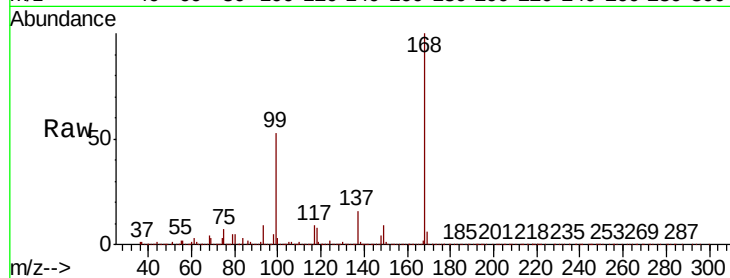
Tot Ion:117 Resp: 48779

Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.4#

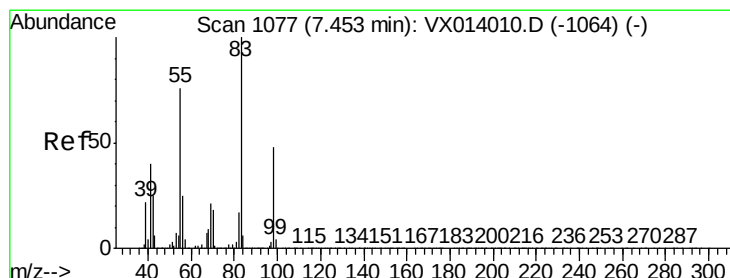
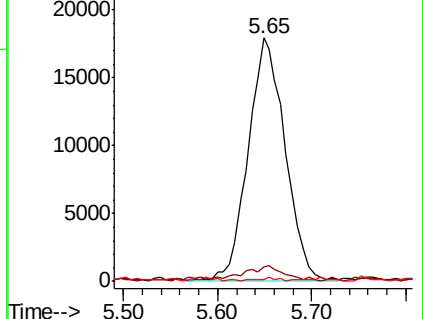
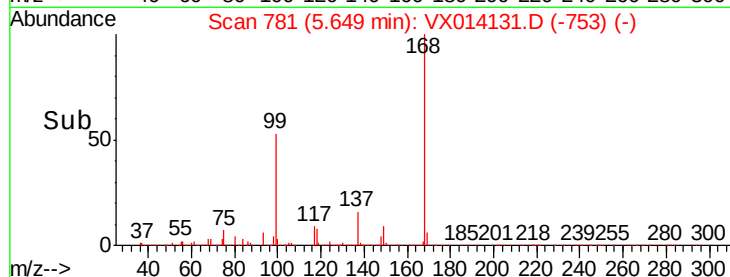
121 1.1 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.326 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

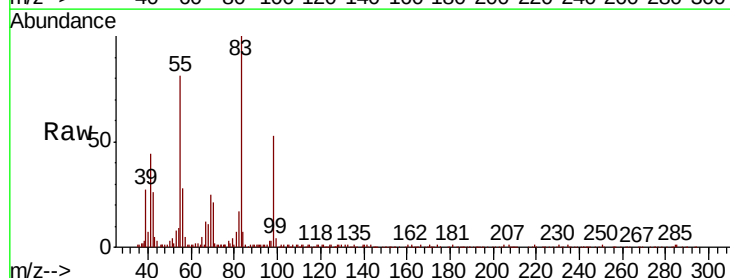
Tgt Ion: 83 Resp: 51936

Ion Ratio Lower Upper

83 100

55 81.9 61.0 91.6

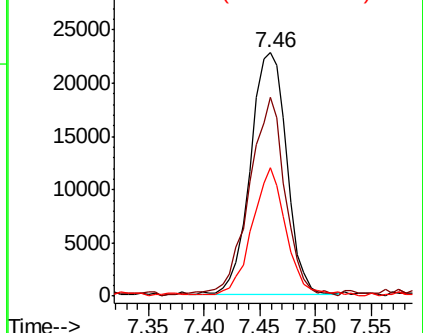
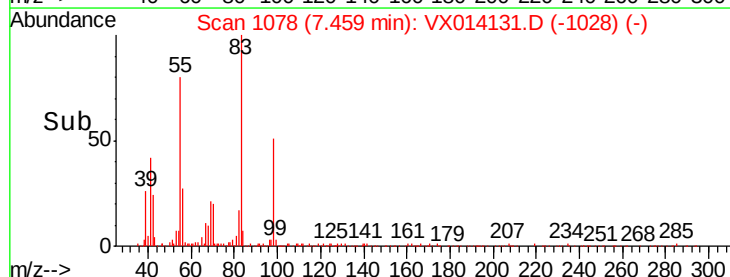
98 52.0 38.6 57.8

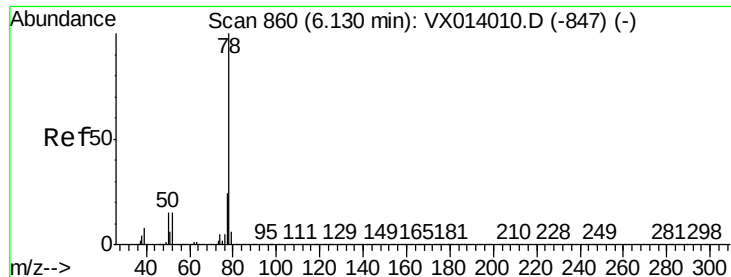


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 135.604 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

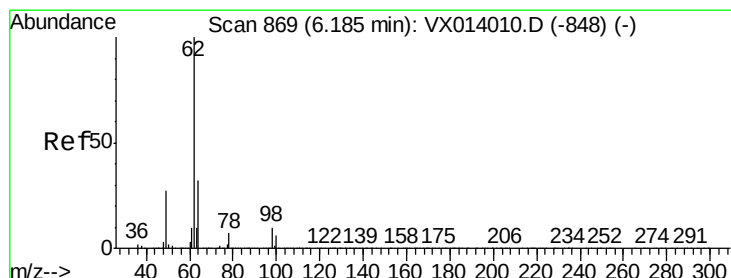
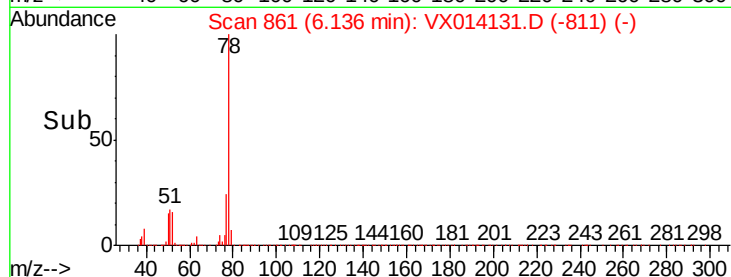
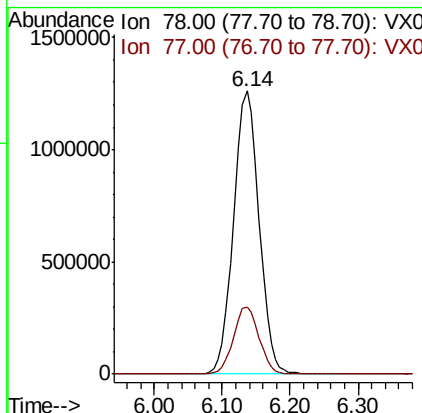
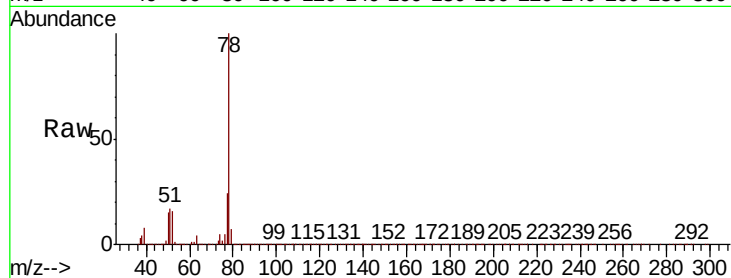
ClientSampleId :

Tot Ion: 78 Resp: 3294852

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2



#42

1,2-Dichloroethane

Concen: 3.637 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.05 min

Lab File: VX014131.D

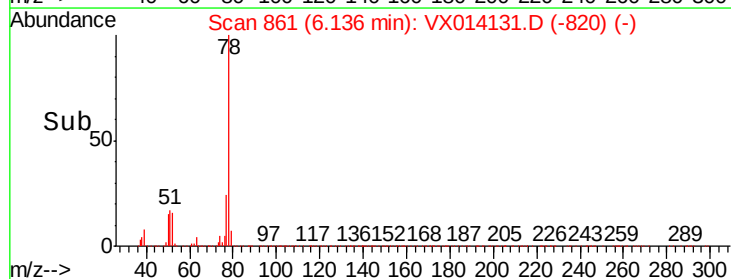
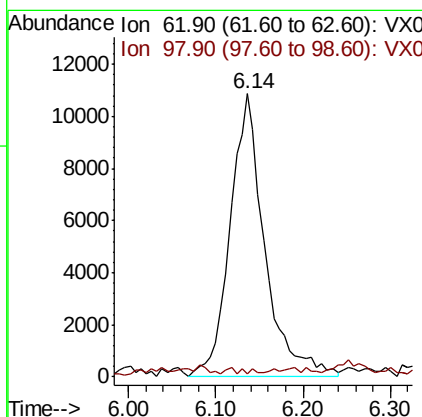
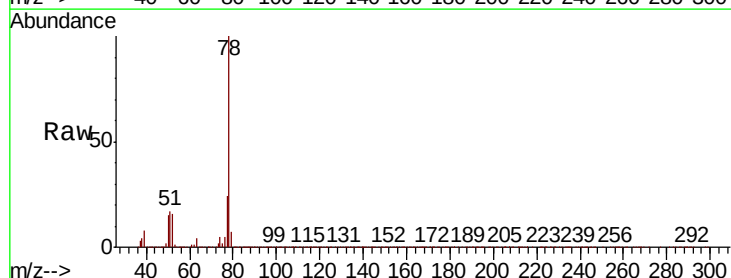
Acq: 19 Dec 2019 19:20

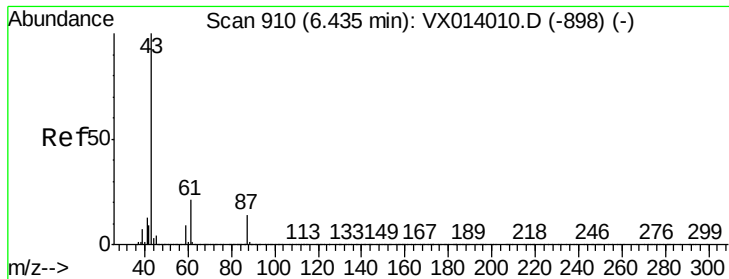
Tgt Ion: 62 Resp: 29955

Ion Ratio Lower Upper

62 100

98 0.5 0.0 21.0



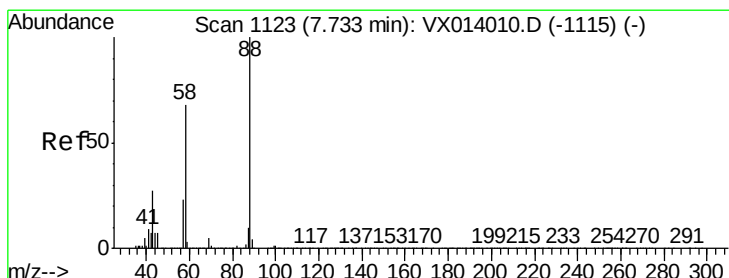
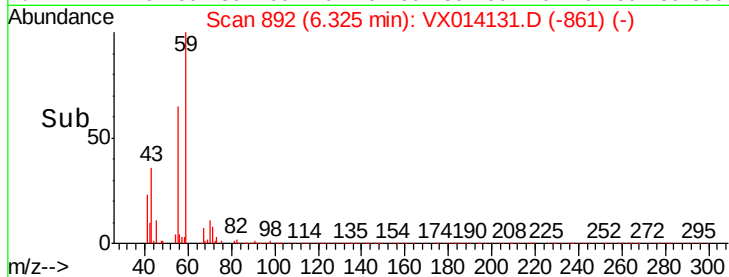
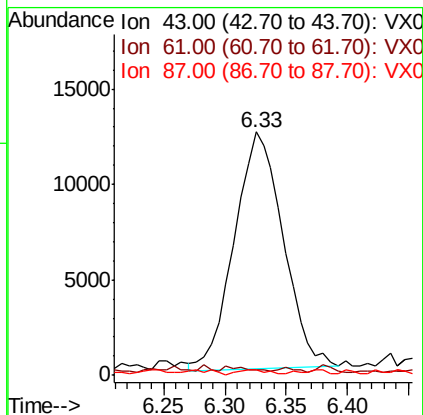
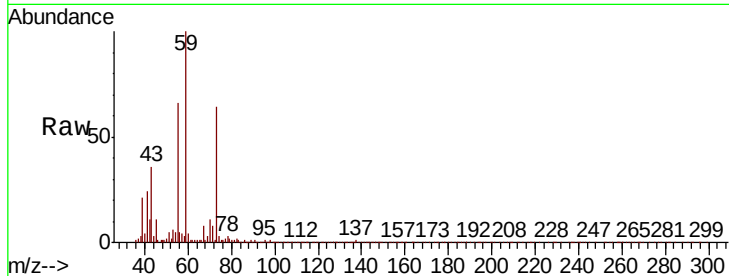


#43

Isopropyl Acetate
 Concen: 2.387 ug/l
 RT: 6.33 min Scan# 892
 Delta R.T. -0.11 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

Instrument :
 MSVOA_X
 ClientSampleId :

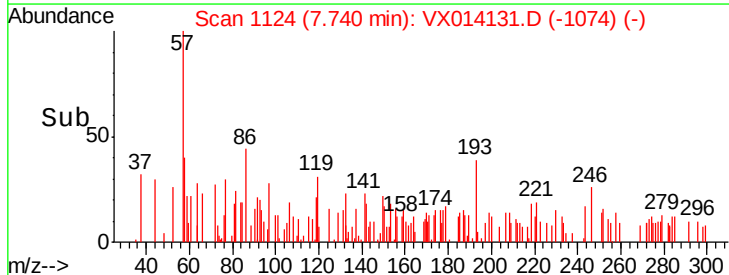
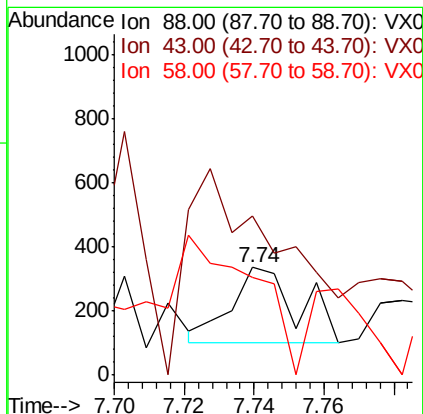
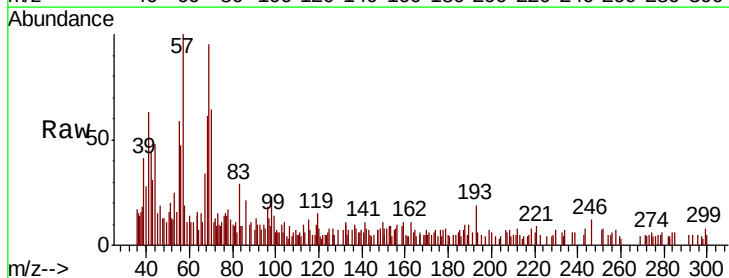
Tot Ion	43	Resp	34449
Ion Ratio	100	Lower	Upper
61	0.0	16.4	24.6#
87	1.7	10.7	16.1#

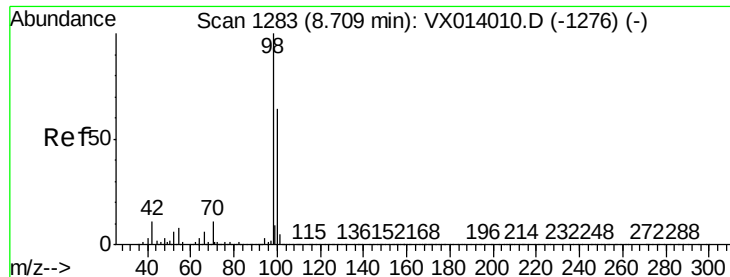


#49

1,4-Dioxane
 Concen: 2.170 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

Tgt Ion	88	Resp	312
Ion Ratio	100	Lower	Upper
43	404.8	26.5	39.7#
58	252.9	56.8	85.2#

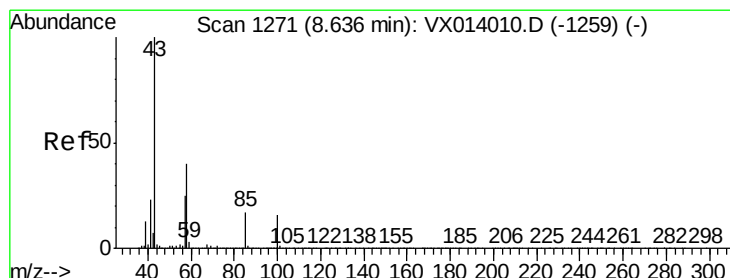
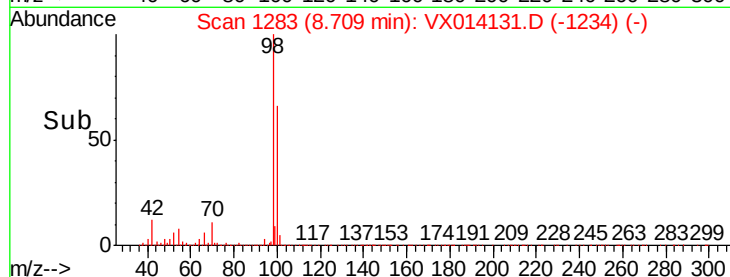
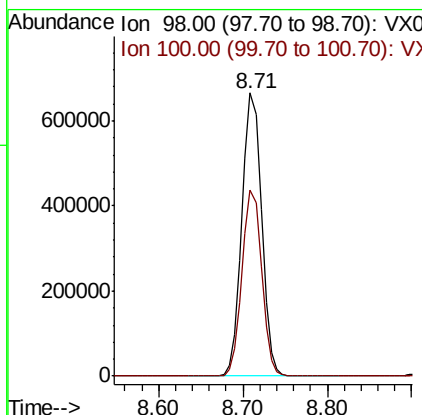
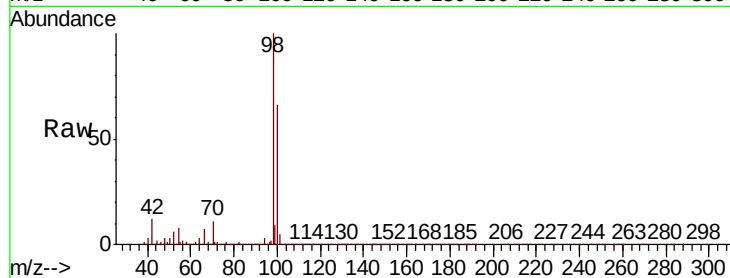




#50
Toluene-d8
Concen: 51.205 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

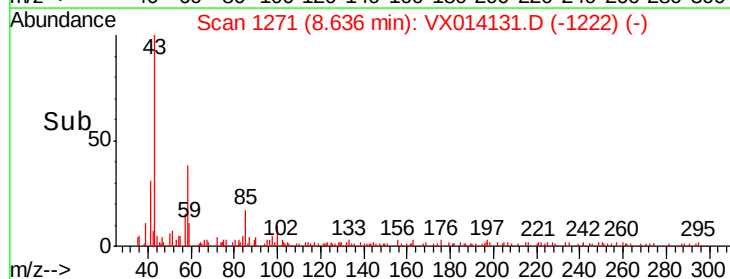
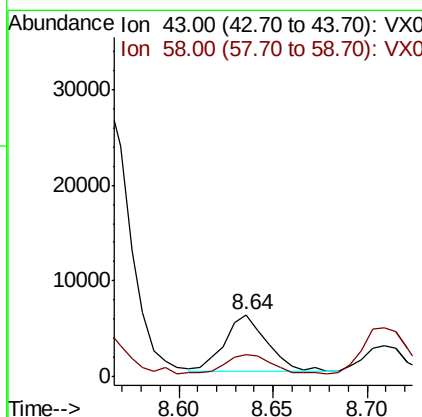
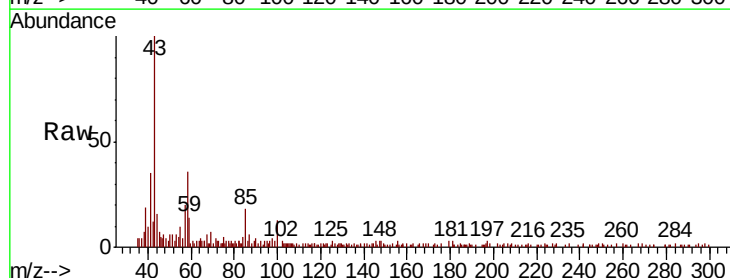
Instrument :
MSVOA_X
ClientSampleId :

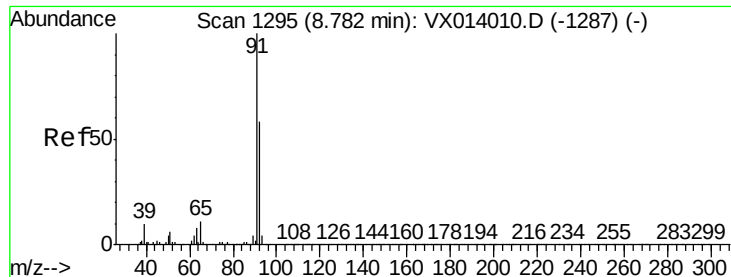
Tot Ion: 98 Resp: 1042957
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.030 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 43 Resp: 9333
Ion Ratio Lower Upper
43 100
58 37.1 32.2 48.2





#52

Toluene

Concen: 233.208 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

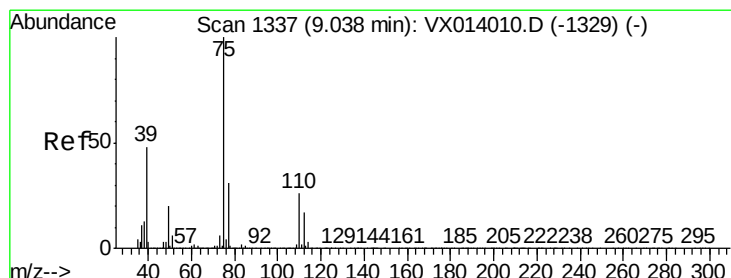
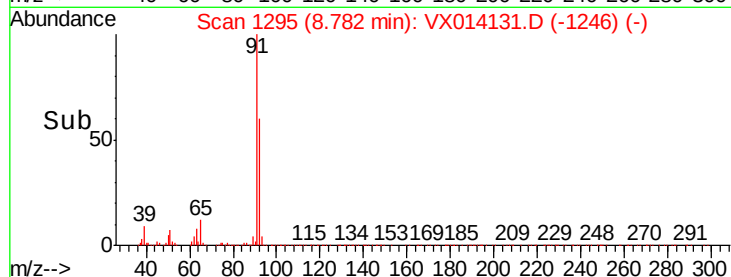
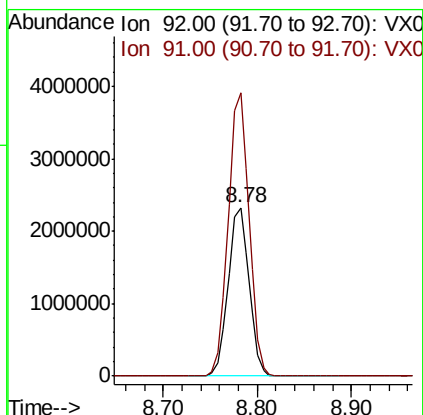
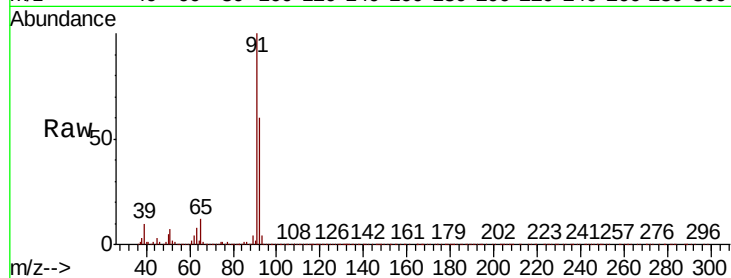
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 3581556

Ion Ratio Lower Upper

92 100

91 168.2 136.2 204.4



#53

t-1,3-Dichloropropene

Concen: 4.479 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.26 min

Lab File: VX014131.D

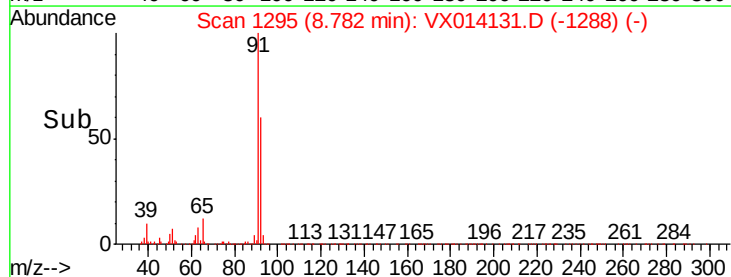
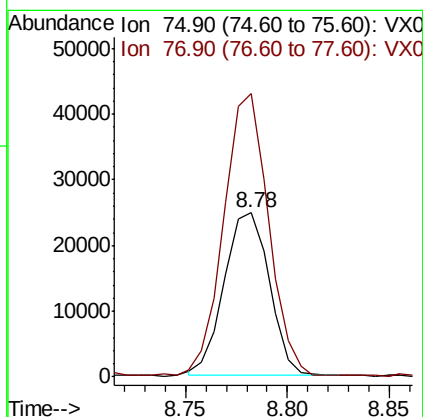
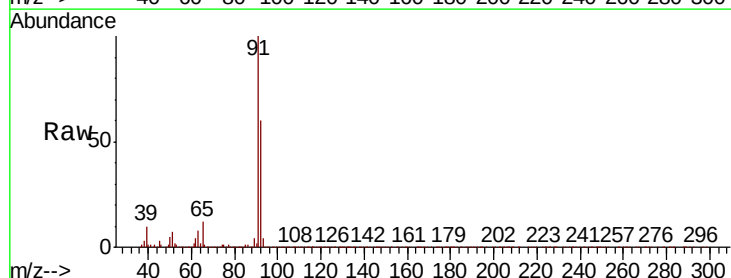
Acq: 19 Dec 2019 19:20

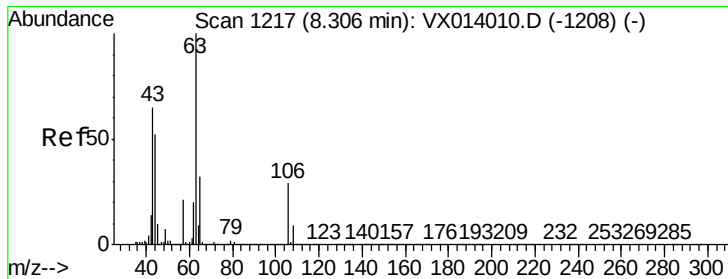
Tgt Ion: 75 Resp: 38088

Ion Ratio Lower Upper

75 100

77 173.5 25.1 37.7#

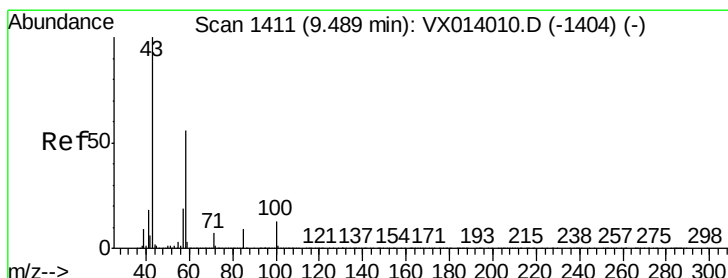
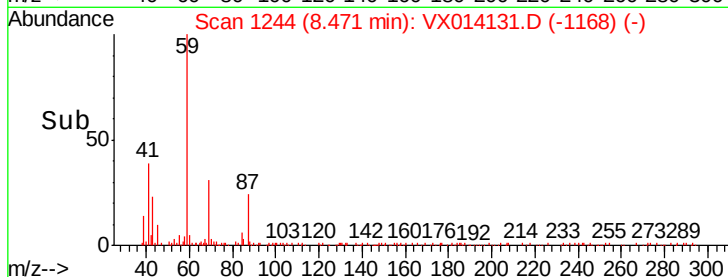
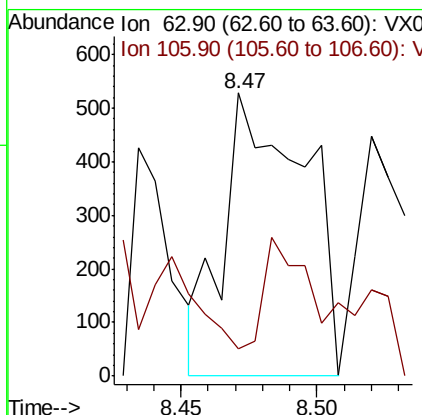
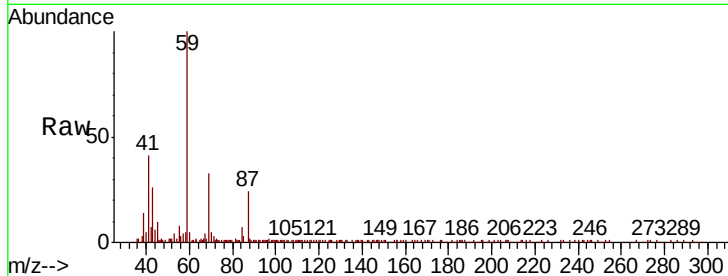




#58
2-Chloroethyl Vinyl ether
Concen: 0.297 ug/l
RT: 8.47 min Scan# 1244
Delta R.T. 0.16 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

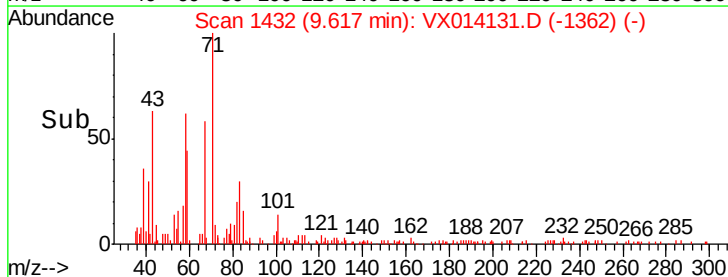
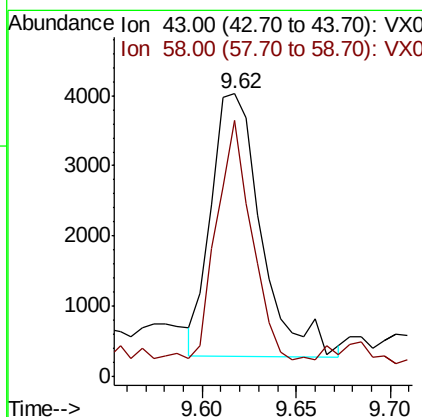
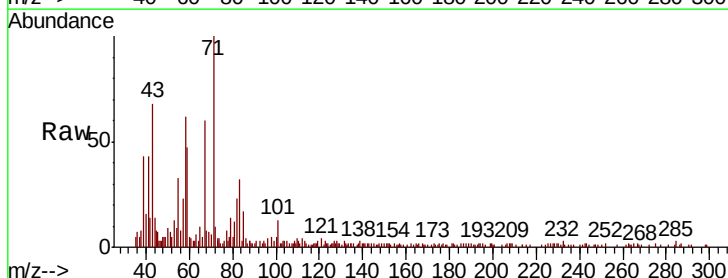
Instrument :
MSVOA_X
ClientSampled :

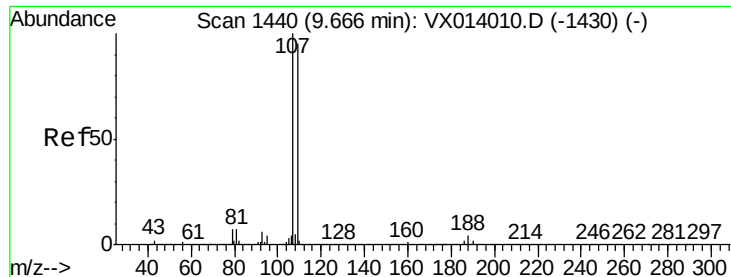
Tot Ion: 63 Resp: 1087
Ion Ratio Lower Upper
63 100
106 24.2 23.0 34.6



#59
2-Hexanone
Concen: 0.948 ug/l
RT: 9.62 min Scan# 1432
Delta R.T. 0.13 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 43 Resp: 6917
Ion Ratio Lower Upper
43 100
58 63.3 28.0 84.0





#61

1,2-Dibromoethane

Concen: 0.553 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

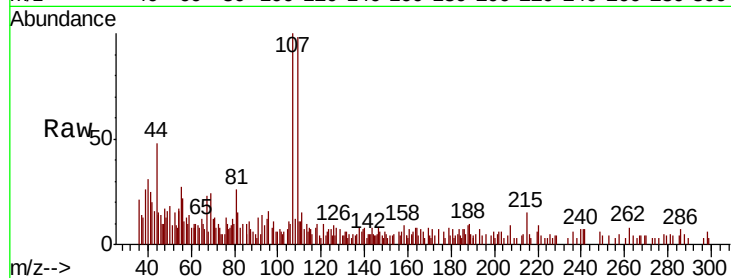
ClientSampleId :

Tot Ion:107 Resp: 3482

Ion Ratio Lower Upper

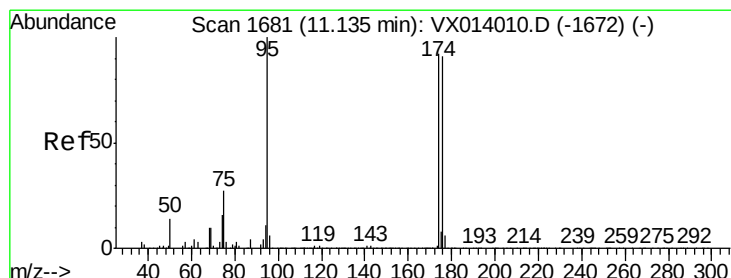
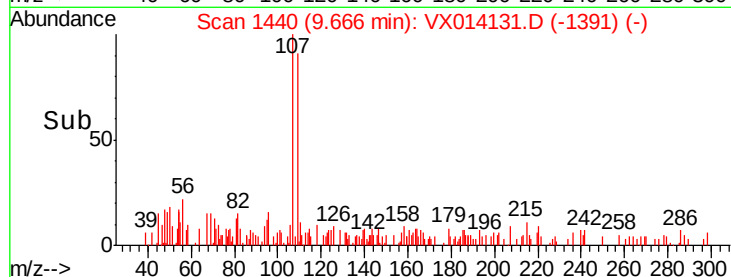
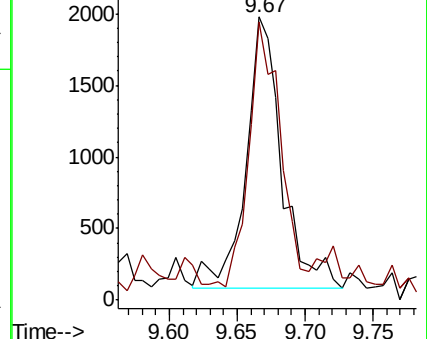
107 100

109 98.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.959 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

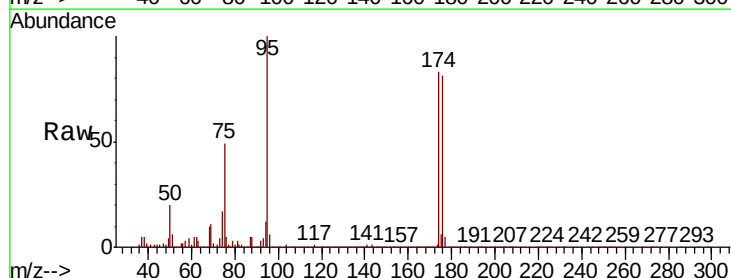
Tgt Ion: 95 Resp: 357083

Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

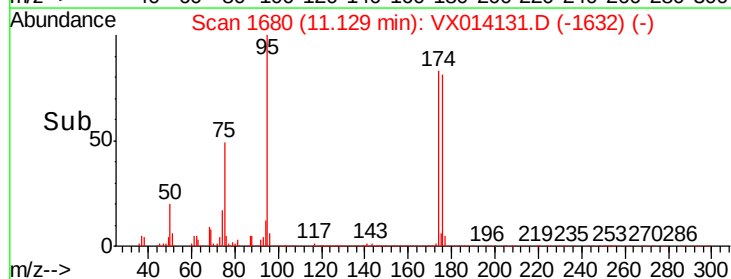
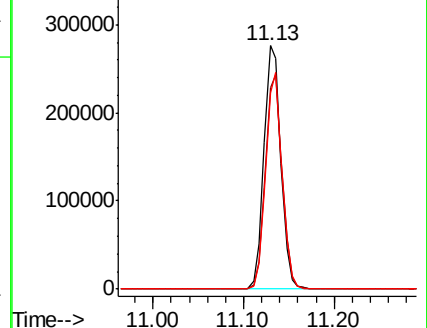
176 85.9 0.0 173.0

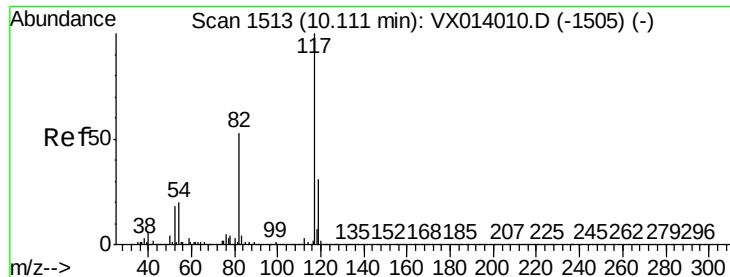


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

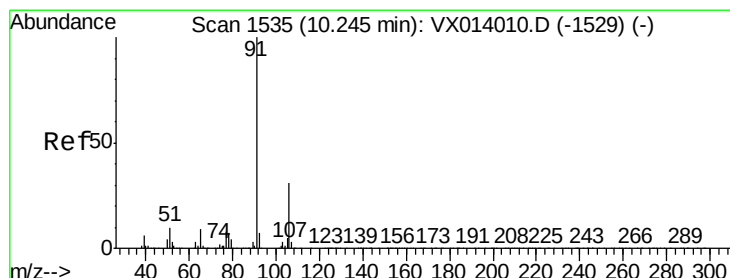
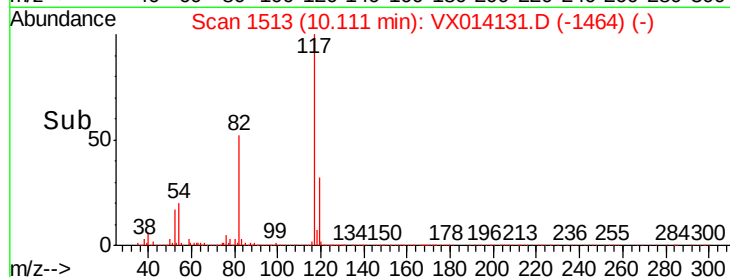
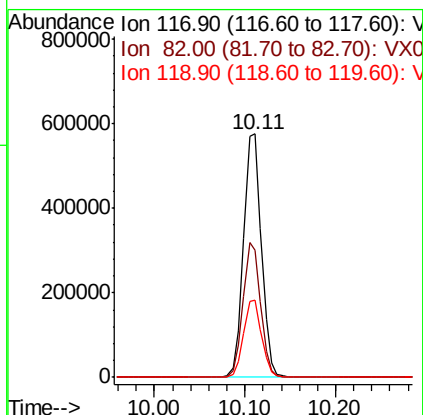
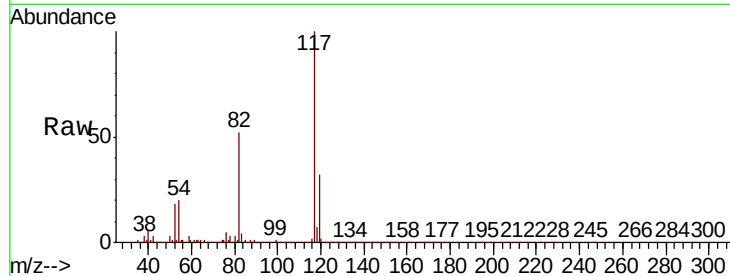




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

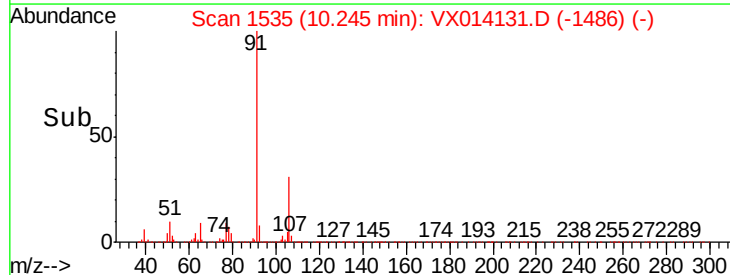
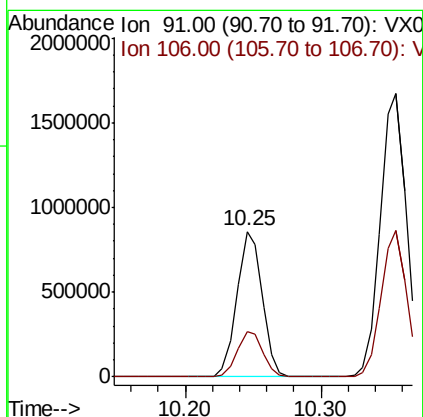
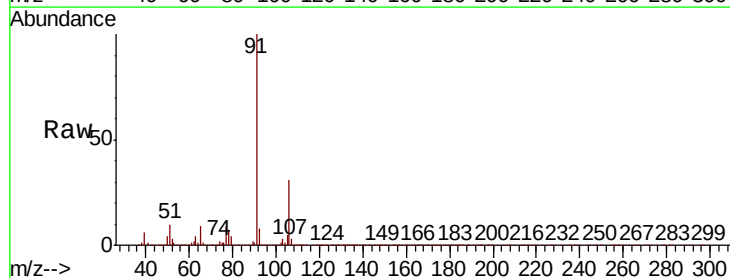
Instrument :
MSVOA_X
ClientSampleId :

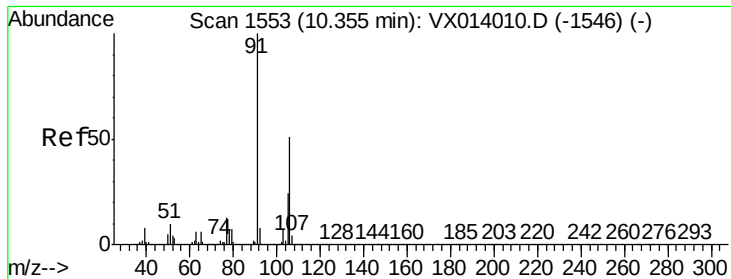
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	31.8	25.1	37.7



#67
Ethyl Benzene
Concen: 38.512 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.0	37.6





#68

m/p-Xylenes

Concen: 100.925 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

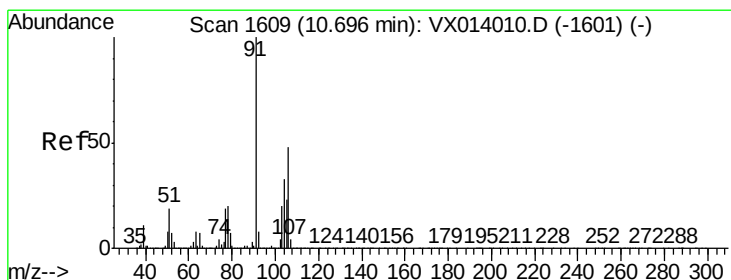
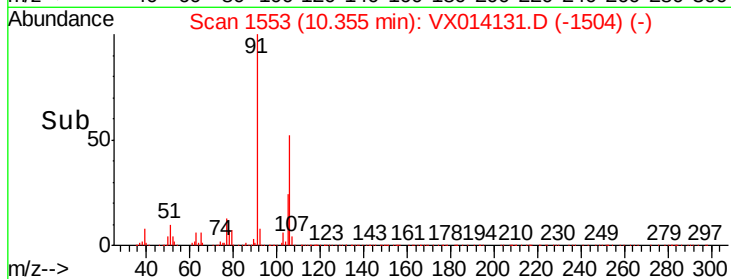
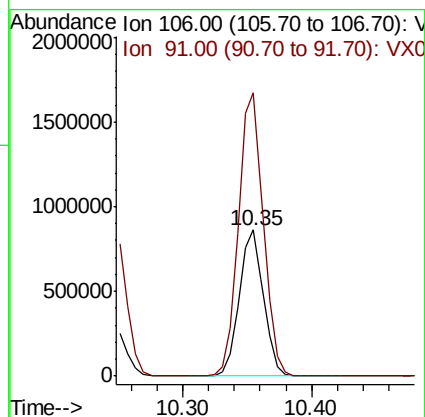
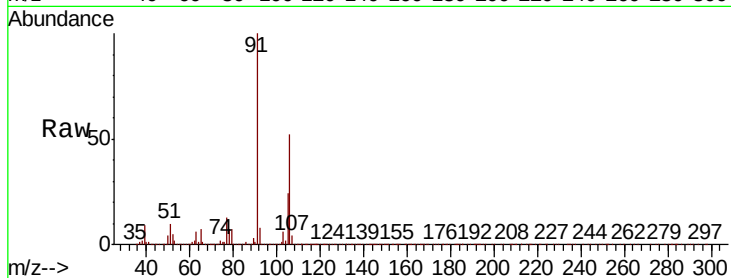
ClientSampleId :

Tot Ion:106 Resp: 1120457

Ion Ratio Lower Upper

106 100

91 198.9 158.6 238.0



#69

o-Xylene

Concen: 42.408 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014131.D

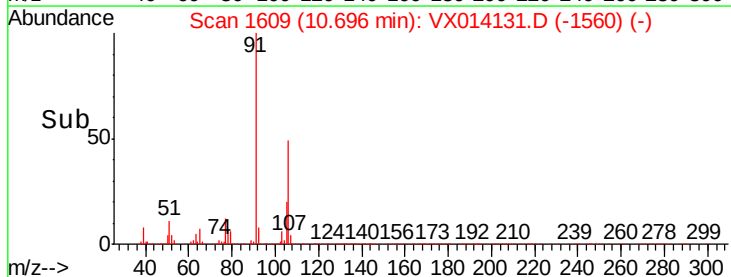
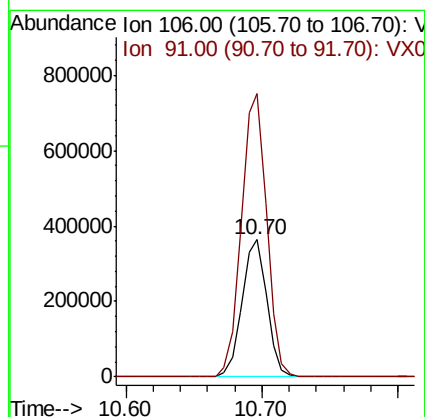
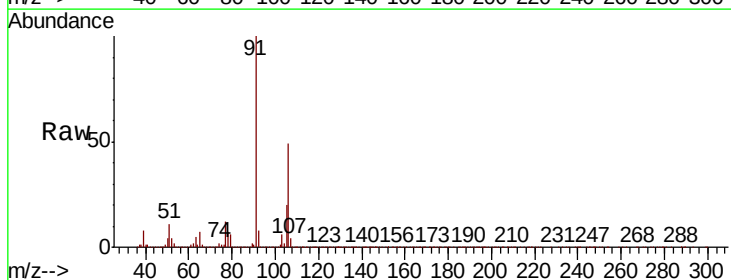
Acq: 19 Dec 2019 19:20

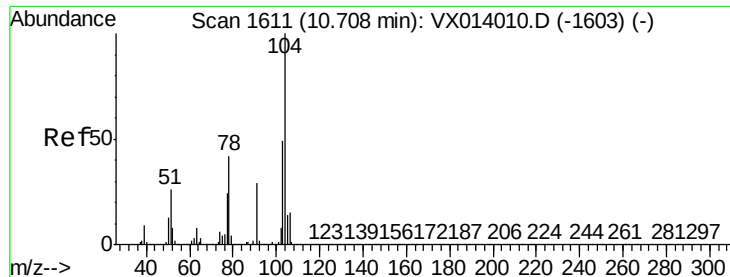
Tgt Ion:106 Resp: 461744

Ion Ratio Lower Upper

106 100

91 210.2 104.2 312.6





#70

Stvrene

Concen: 1.300 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

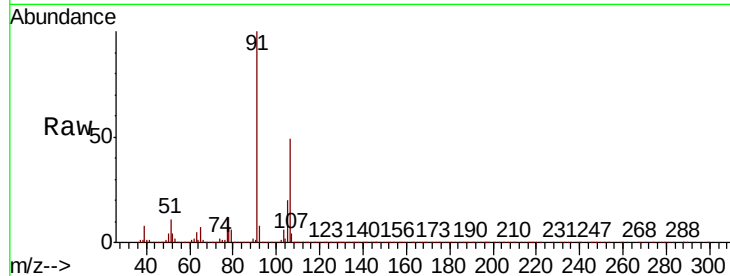
Tot Ion:104 Resp: 23933

Ion Ratio Lower Upper

104 100

78 275.0 38.5 57.7#

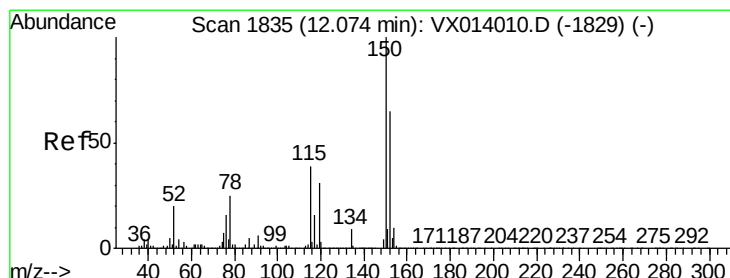
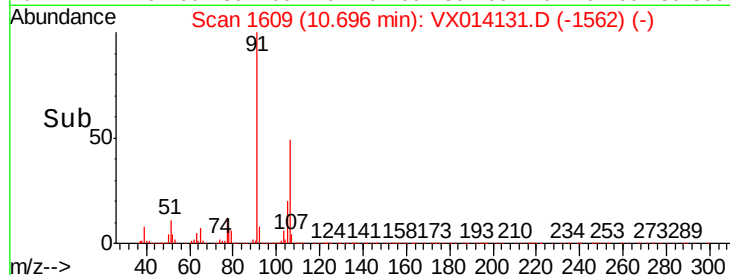
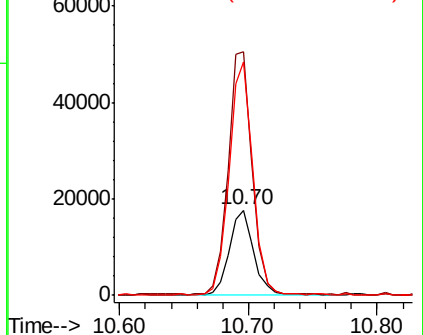
103 258.1 42.9 64.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

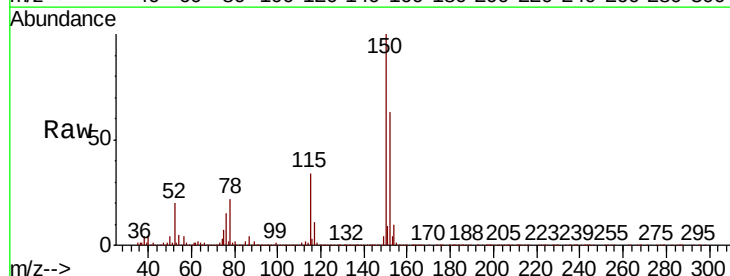
Tgt Ion:152 Resp: 362196

Ion Ratio Lower Upper

152 100

115 55.0 38.3 114.9

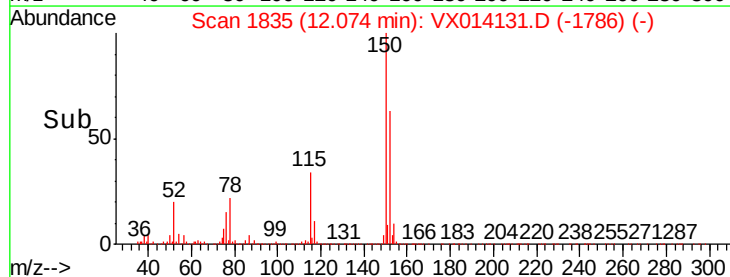
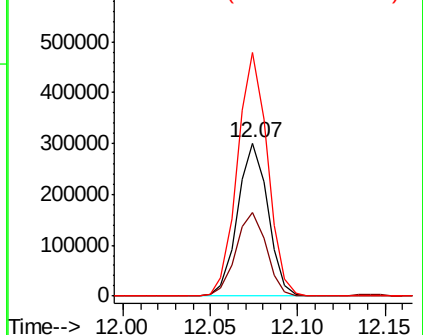
150 158.3 0.0 345.4

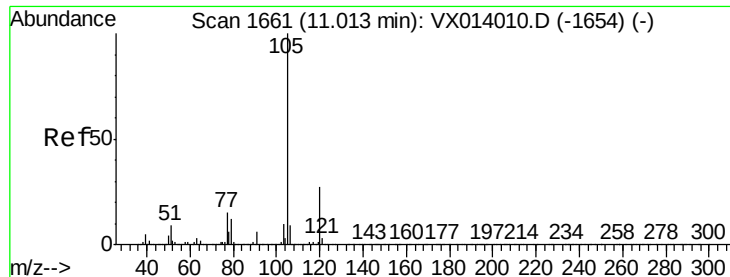


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.051 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

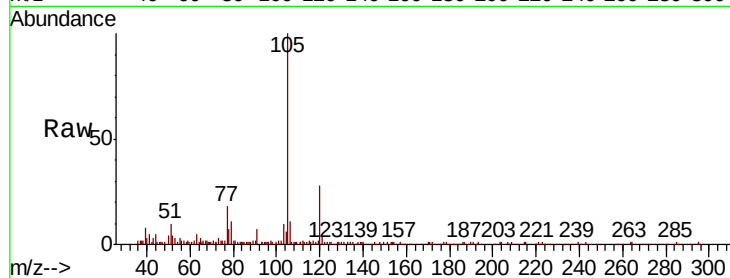
ClientSampleId :

Tot Ion:105 Resp: 26810

Ion Ratio Lower Upper

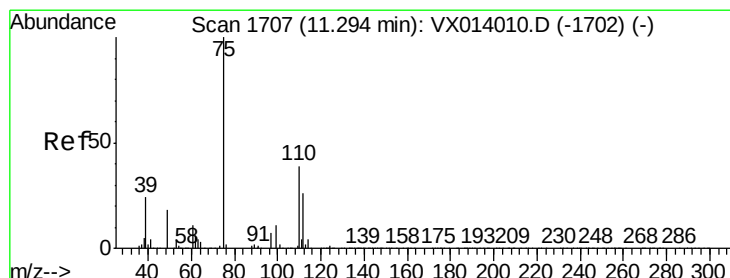
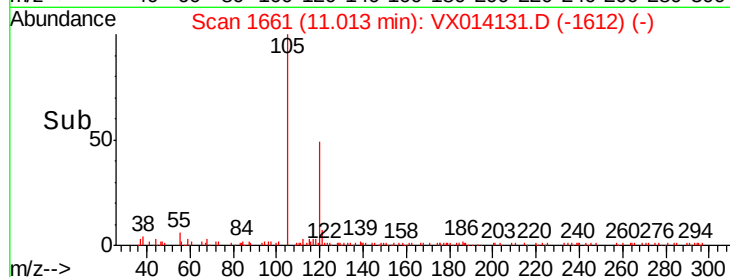
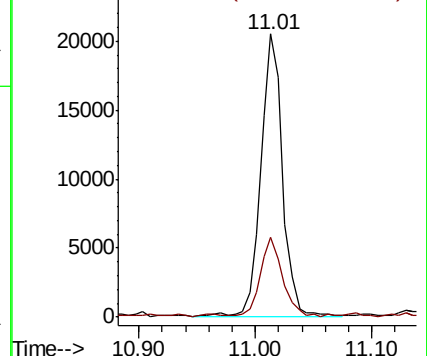
105 100

120 28.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 22.061 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014131.D

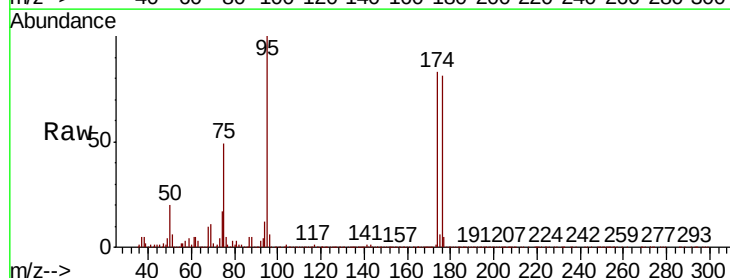
Acq: 19 Dec 2019 19:20

Tgt Ion: 75 Resp: 173469

Ion Ratio Lower Upper

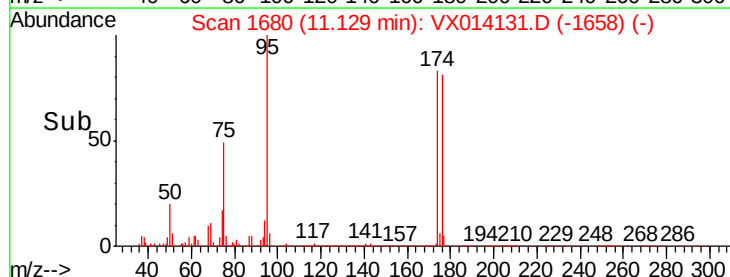
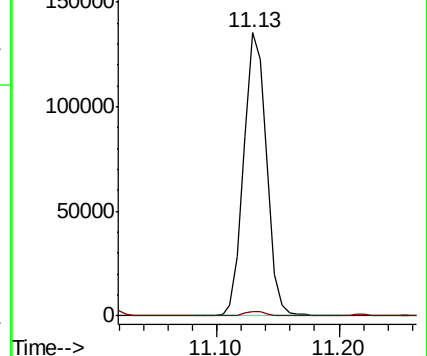
75 100

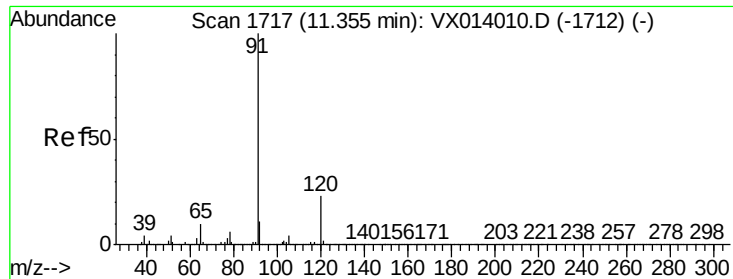
77 1.8 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.388 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

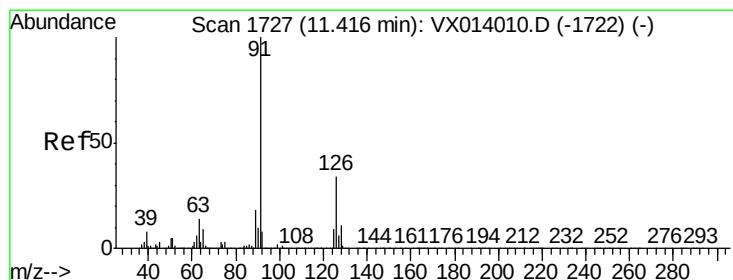
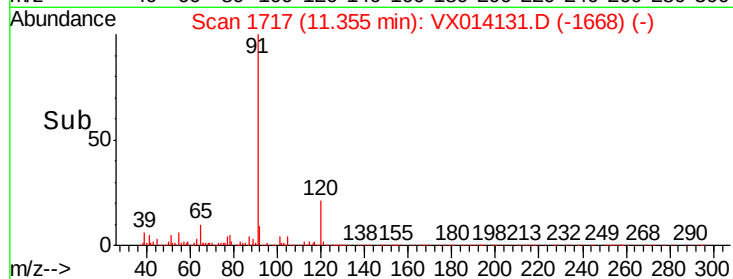
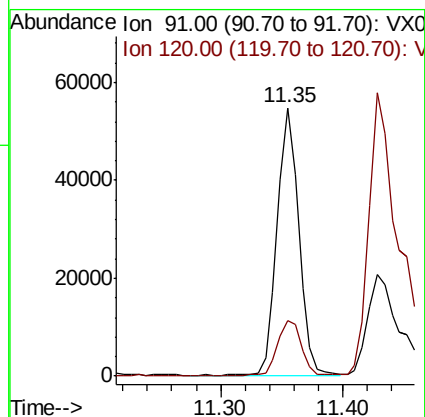
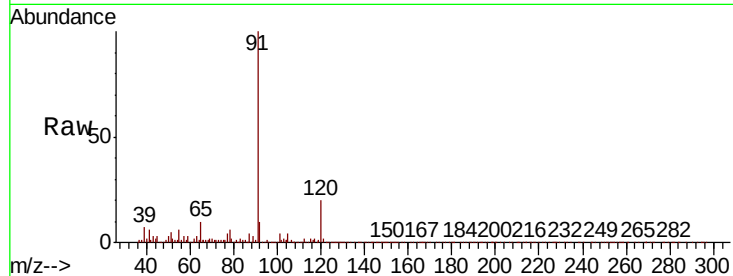
ClientSampleId :

Tot Ion: 91 Resp: 68296

Ion Ratio Lower Upper

91 100

120 22.5 11.7 35.0



#79

2-Chlorotoluene

Concen: 2.047 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014131.D

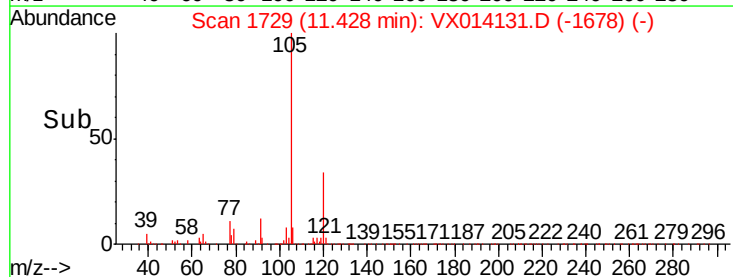
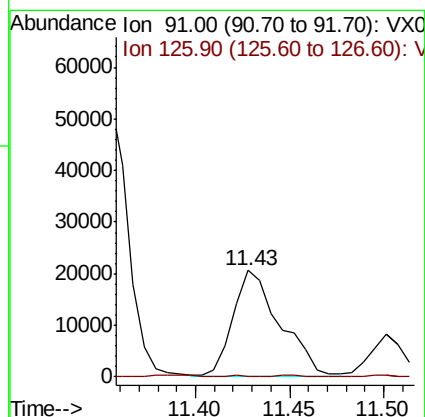
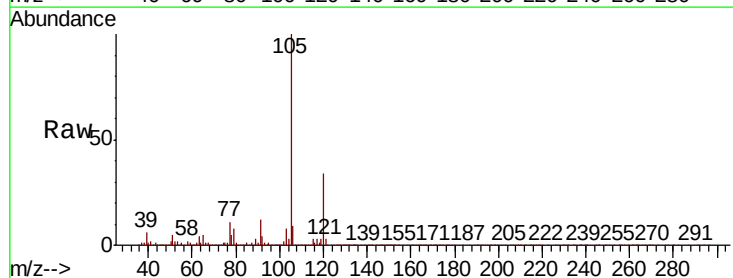
Acq: 19 Dec 2019 19:20

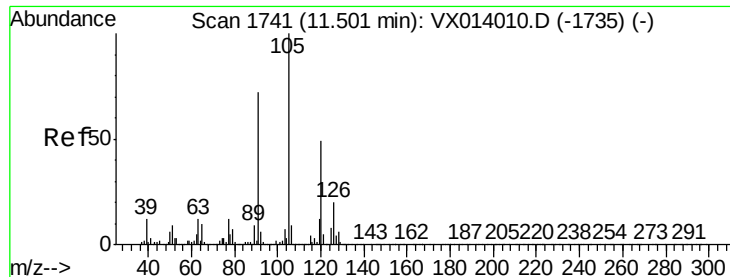
Tgt Ion: 91 Resp: 35585

Ion Ratio Lower Upper

91 100

126 1.1 17.2 51.6#

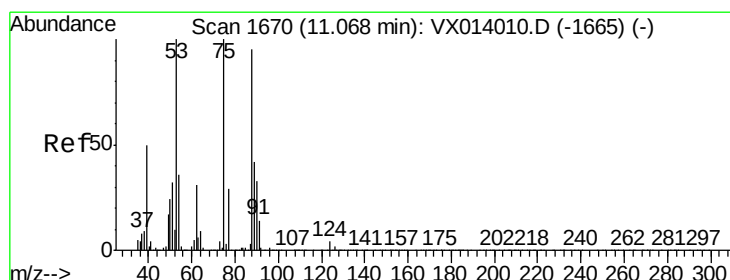
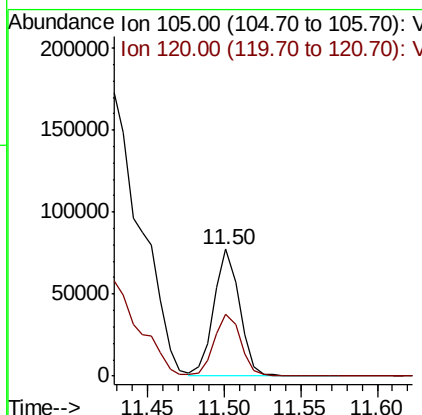
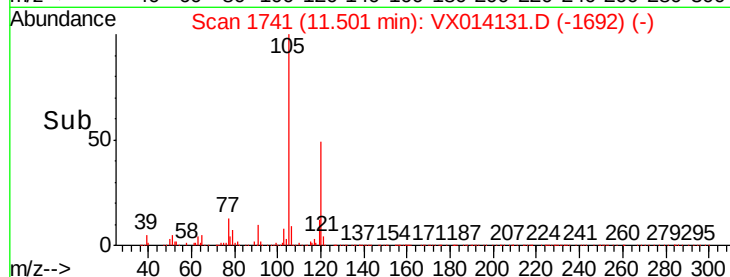
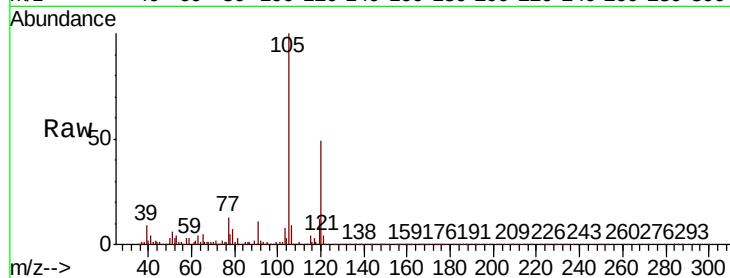




#80
 1,3,5-Trimethylbenzene
 Concen: 4.204 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

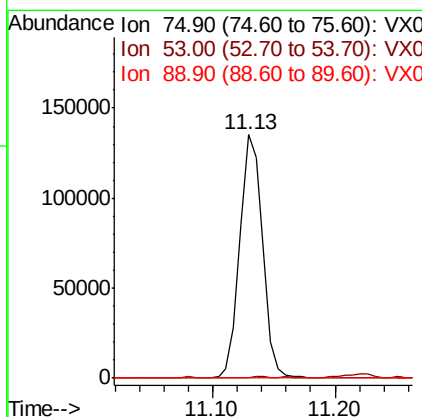
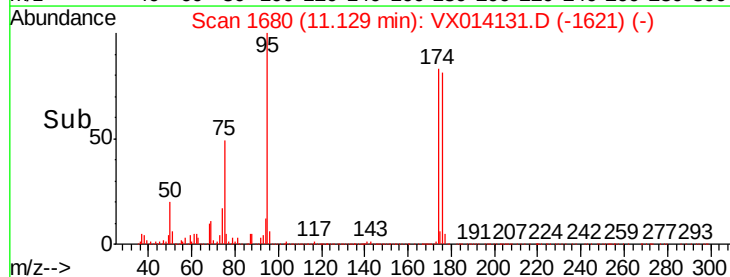
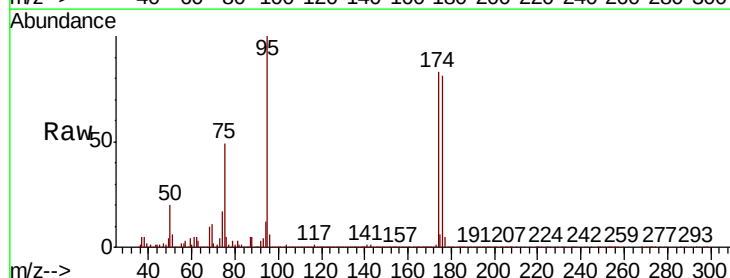
Instrument :
 MSVOA_X
 ClientSampleId :

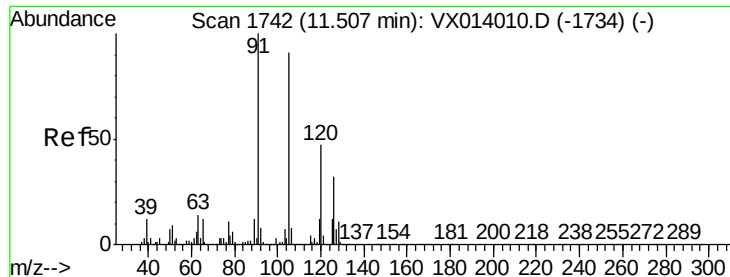
Tot Ion:105 Resp: 90228
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.267 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014131.D
 Acq: 19 Dec 2019 19:20

Tgt Ion: 75 Resp: 173469
 Ion Ratio Lower Upper
 75 100
 53 0.4 76.7 115.1#
 89 0.0 34.6 51.8#

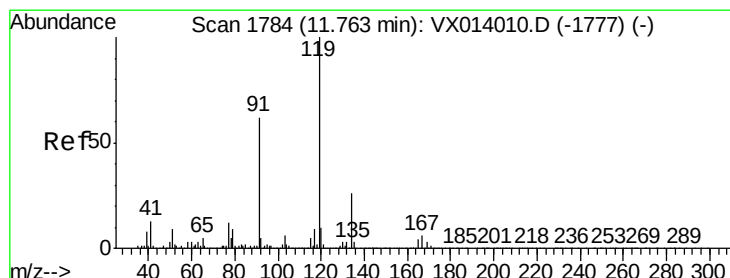
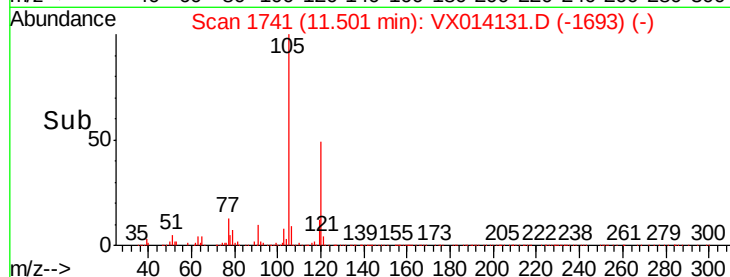
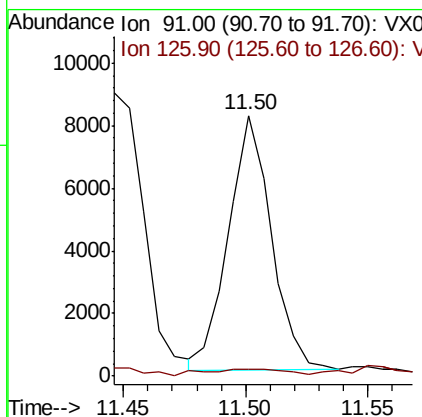
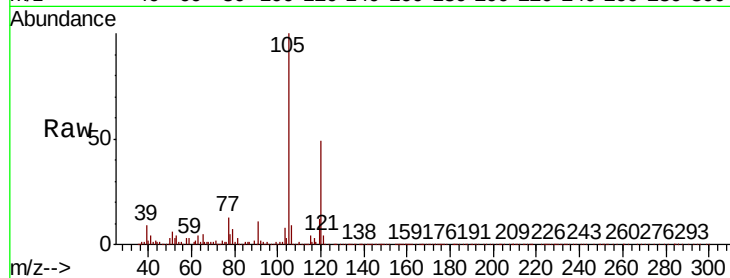




#82
4-Chlorotoluene
Concen: 0.493 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

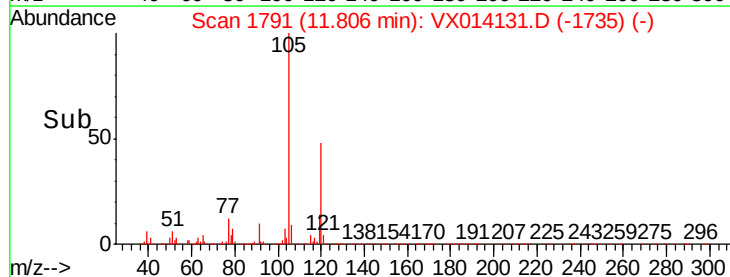
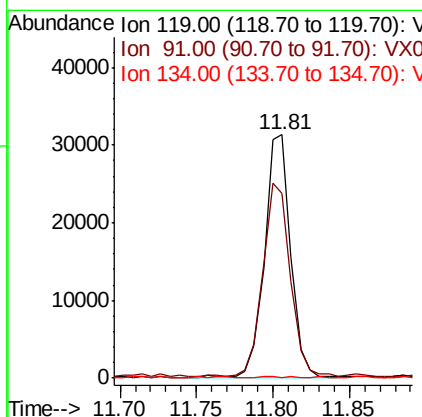
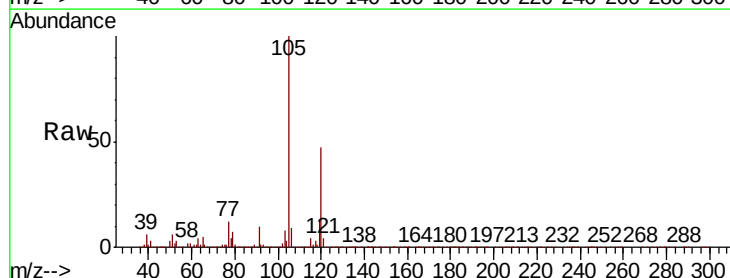
Instrument :
MSVOA_X
ClientSampled :

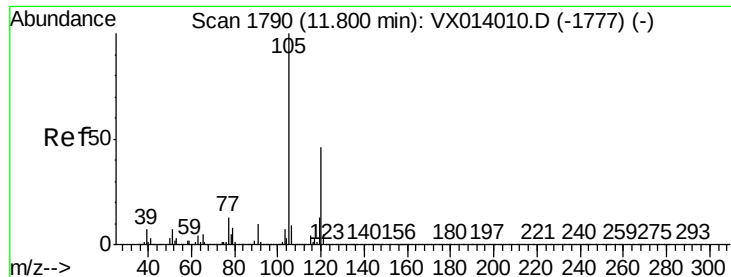
Tot Ion: 91 Resp: 9938
Ion Ratio Lower Upper
91 100
126 5.5 15.6 46.8#



#83
tert-Butylbenzene
Concen: 1.814 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 119 Resp: 37893
Ion Ratio Lower Upper
119 100
91 82.6 28.5 85.6
134 0.6 12.2 36.6#





#84

1,2,4-Trimethylbenzene

Concen: 14.499 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

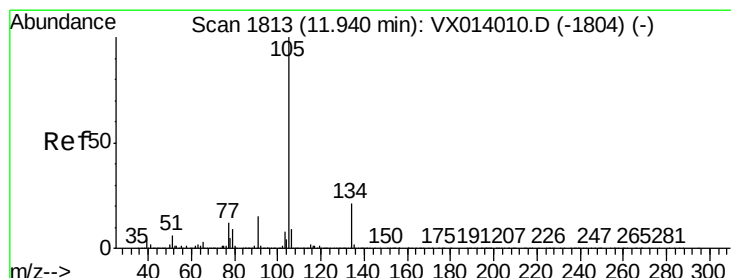
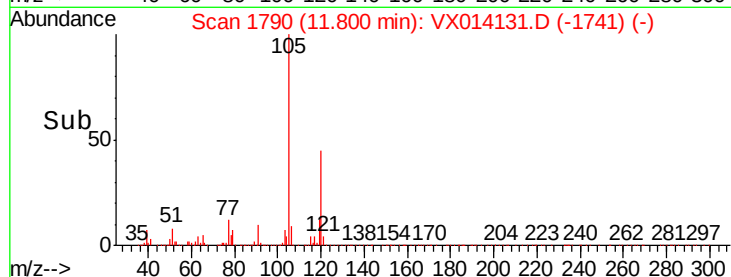
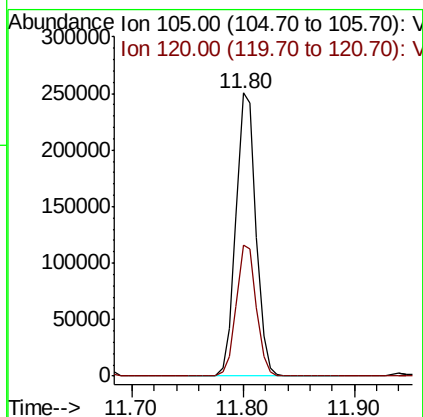
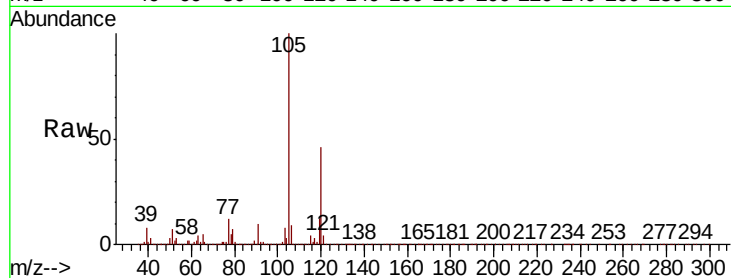
ClientSampleId :

Tot Ion:105 Resp: 311627

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.2



#85

sec-Butylbenzene

Concen: 12.639 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.14 min

Lab File: VX014131.D

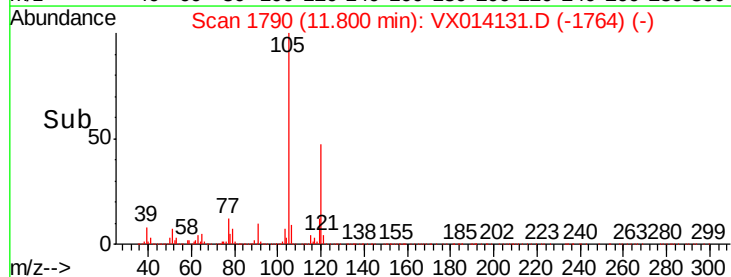
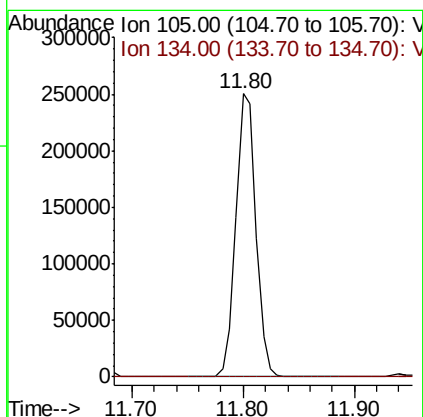
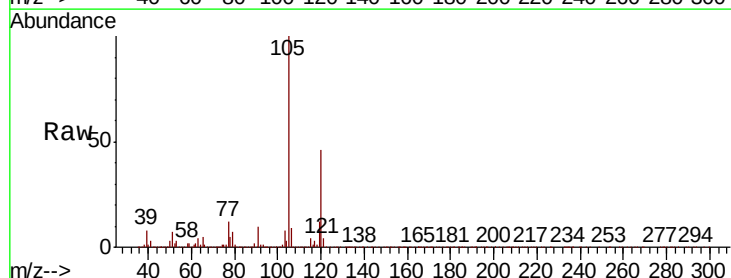
Acq: 19 Dec 2019 19:20

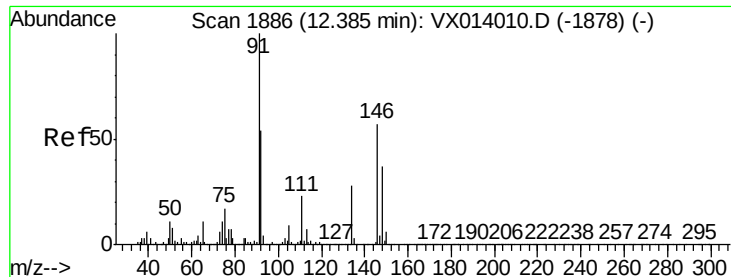
Tgt Ion:105 Resp: 311627

Ion Ratio Lower Upper

105 100

134 0.1 10.4 31.1#





#89

n-Butylbenzene

Concen: 0.320 ug/l

RT: 12.37 min Scan# 1883

Delta R.T. -0.02 min

Lab File: VX014131.D

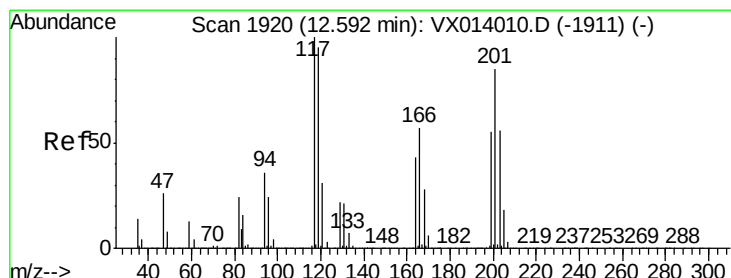
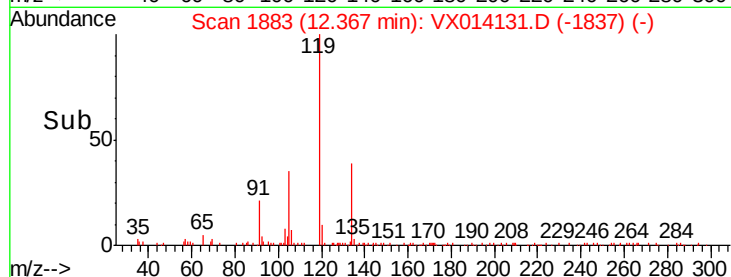
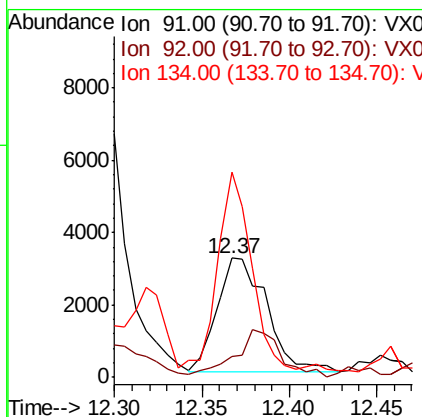
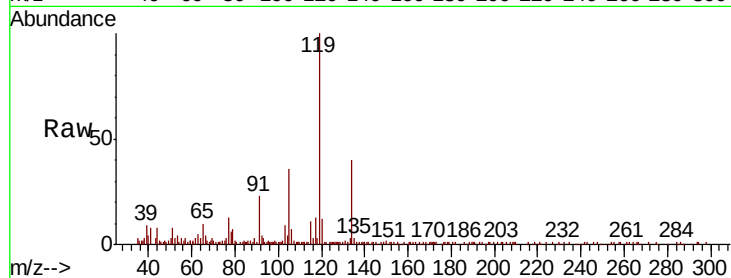
Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	91	Resp:	6149
Ion	Ratio	Lower	Upper
91	100		
92	39.7	27.2	81.6
134	117.0	13.4	40.1#



#90

Hexachloroethane

Concen: 0.966 ug/l

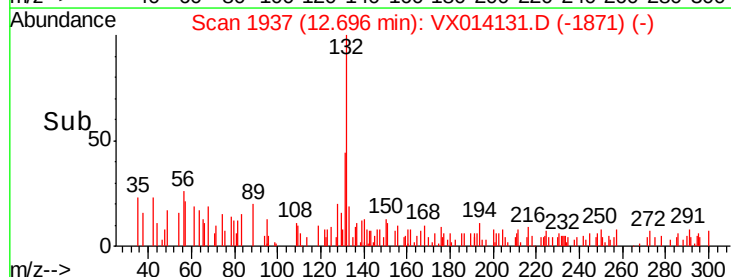
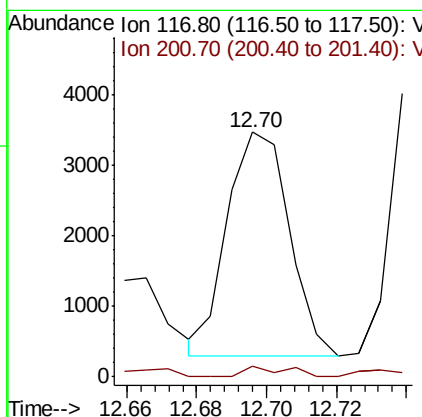
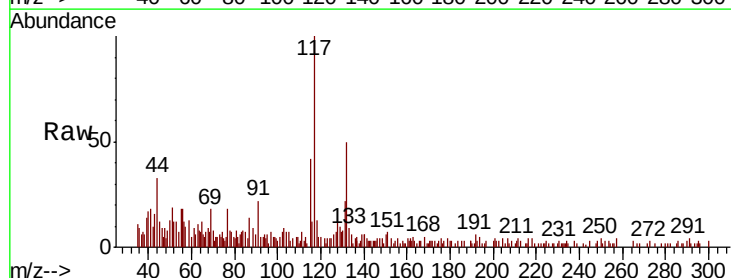
RT: 12.70 min Scan# 1937

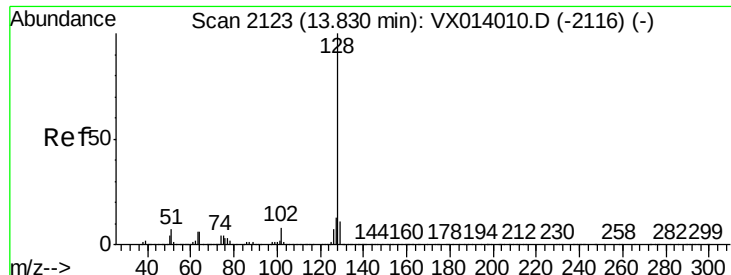
Delta R.T. 0.10 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Tgt Ion:	117	Resp:	3913
Ion	Ratio	Lower	Upper
117	100		
201	3.2	43.1	129.3#

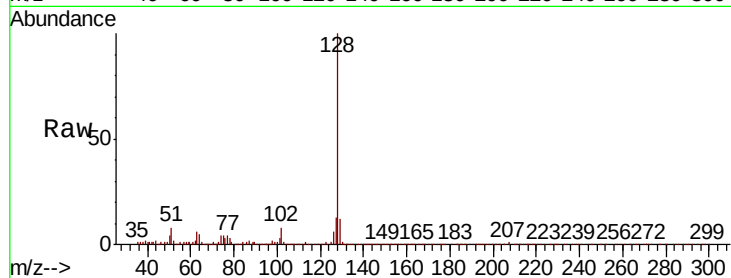




#95
Naphthalene
Concen: 2.811 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	12.1	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

